SOUTHERN PACIFIC COMPANY

(PACIFIC LINES)

TIME TABLE

FOR THE

RIO GRANDE DIVISION

23

To Take Effect Sunday, December 12, 1937, at 12:01 A. M.

MOUNTAIN STANDARD TIME (105th MERIDIAN)

For the government and information of employes only

A. T. MERCIER,
General Manager

W. B. KIRKLAND,
Superintendent of Transportation

L. U. MORRIS,
Assistant General Manager

H. S. FAIRBANK,
Superintendent

MESCAL SUBDIVISION

EASTWARD — WESTWARD

Capacity of Sidings in Car Lengths			SECOND CLASS				FIRST CLASS			Distance from San Francisco		Time Table No. 23 December 12, 1937		Distance from Douglas	FIRST CLASS					SECOND CLASS		THIRD CLASS	
			964	946	942	962	4	44	12						1	11	3	5	43	845		943	947
			Freight	Mixed	Mixed	Freight	Golden State Limited	Californian	Apache						Sunset Limited	Apache	Golden State Limited	Argonaut	Californian	Freight		Mixed	Mixed
			Leave Daily	Leave Fri. Only	Leave Tue. Only	Leave Daily	Leave Daily	Leave Daily	Leave Daily			STATIONS			Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		Arrive Tue. Only	Arrive Fri. Only
Yard			See Tucson Division Time Table							983.9	A. B. S.	TO-R TUCSON 0.8	Track No. 1	123.2	s 3.15AM	s 6.50AM	s 4.55PM	s 5.05PM	s 5.20PM	3.40PM			
										984.7		T. & N. R. R. JCT. 2.7		122.4									
2 Spur										987.4		POLVO 2.8		119.7	3.03	6.40	4.45	4.55	5.10	3.29			
P										990.2		SOUTH YARD JCT. 3.5		116.9									
77 P										993.7		CRUZ 4.1		113.4	2.53	6.30	4.36	f 4.46	5.01	3.21			
77 WP										997.8		RITA 5.9		109.3	2.48	f 6.25	4.30	f 4.40	4.55	3.14			
76 P										1003.7		VAIL 3.7		103.4	2.40	f 6.17	4.22	f 4.32	4.47	3.02			
77 P										1007.4		EMPIRE 5.5		99.7	2.34	6.12	4.17	f 4.27	4.42	2.50			
68 WP										1012.9		MARSH 9.4		94.2	2.26	f 6.05	4.09	f 4.19	4.34	2.40			
Ewd. 94 IYPC Westward 81			6.30PM			9.05AM	1.14PM	12.25PM	1.10AM	1023.6 1022.2		TO-R MESCAL 2.3		84.8	2.12AM	f 5.52	3.55	4.05PM	4.20	2.20PM			
76 P			6.39			9.15	1.18	12.29	1.14	1024.5		MIRAMONTE 4.1		82.5		5.47	3.45		4.15				
77 WP			6.47			9.23	1.23	12.34	f 1.20	1028.6		WHETSTONE 6.9		78.4		f 5.42	3.39		4.10				
85 P			7.00			9.35	1.32	12.43	1.29	1035.5		SAN JUAN 7.6		71.5		5.33	3.28		4.01				
77 P			7.14			9.49	1.42	12.53	f 1.39	1043.1		BOQUILLAS 3.3		63.9		f 5.23	3.17		3.51				
P			7.20			9.55	1.46	12.57	1.44	1046.4		BENSON JCT. 1.4		60.6		5.19	3.12		3.47				
										1047.8		N. M. & A. JCT. 0.4		59.2									
77 WYKPOB			7.35	2.25PM	1.30PM	10.10	s 1.53	s 1.04	s 1.51	1048.2		TO-R FAIRBANK 6.5		58.8		s 5.15	s 3.07		s 3.43			s 4.10PM	s 5.30PM
73 P			7.48	f **2.53**	f 1.48	10.22	2.03	1.13	f 2.00	1054.7		CHARLESTON 4.1		52.3		f 5.05	**2.53**		3.32			f 3.52	f 5.12
77 YP			7.57	s 3.10PM	s 2.00PM	10.30	2.08	1.18	f 2.06	1058.8		LEWIS SPRINGS 6.1		48.2		f 5.00	2.43		3.26			3.40PM	5.00PM
79 P			8.09			10.43	2.16	1.26	2.14	1064.9		SAN PEDRO 4.1		42.1		4.52	2.33		3.18				
78 WP			8.18			10.55	f **2.23**	s 1.33	s 2.22	1069.0		TO HEREFORD 6.1		38.0		s 4.46	f **2.23**		s 3.11				
76 P			8.35			11.12	2.32	1.43	f 2.31	1075.1		STARK 5.8		31.9		f 4.38	2.15		3.03				
68 P			8.52			11.23	2.40	1.51	s 2.40	1080.9		NACO 4.1		26.1		s 4.30	2.07		2.55				
69 WYPC Yard			9.10			11.41	s **2.47**	s **2.00**	s 2.50	1085.0		TO BISBEE JUNCTION 4.7		22.0		s 4.22	s **2.00**		s **2.47**				
78 P			9.20			11.51AM	2.57	2.07	2.59	1089.7		CROOK 7.2		17.3		4.12	1.53		2.32				
78 WP			9.35			12.07PM	3.07	**2.18**	f 3.10	1096.9		FORREST 7.4		10.1		f 4.02	1.43		**2.18**				
72 P			9.50			12.34	3.16	2.27	3.20	1104.3		CALUMET 2.7		2.7		3.52	1.34		2.09				
Yard WFYTBKP			10.00PM			12.45PM	s 3.20PM	s 2.31PM	s 3.25AM	1107.0		TO-R DOUGLAS		0.0		3.47AM	1.30PM		2.05PM				
			Arrive Daily	Arrive Fri. Only	Arrive Tue. Only	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(123.2)			Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		Leave Tue. Only	Leave Fri. Only
			(3.30) 24.23	(0.45) 14.13	(0.30) 21.20	(3.40) 23.13	(2.06) 40.38	(2.06) 40.38	(2.15) 37.69			............Time Over District........... ......Average speed per hour			(1.03) 36.57	(3.03) 40.39	(3.25) 36.06	(1.00) 38.40	(3.15) 37.91	(1.20) 28.80		(0.30) 21.20	(0.30) 21.20

Westward trains will use track No. 1, Rio Grande Division, Mescal to Tucson, and eastward trains will use track No. 2, Tucson Division, Tucson to Mescal, unless otherwise directed by train order.

All trains will move with caution between west yard limit and east switch Fairbank.

Trains to and from Benson-Fairbank Branch may move under block signal indication between east switch Fairbank and Benson Jct. after receiving authority from train dispatcher to occupy main track. Eastward trains on Benson-Fairbank Branch must not pass block signal 10464 on branch or foul main track until authorized by train dispatcher. Normal position and/or indication of signal 10464 will be Stop, except when main track switch Benson Jct. is lined for Benson-Fairbank Branch, block signal 10464 will then indicate Proceed if block protected by signal 10464 is not occupied. Benson-Fairbank Branch trains must avoid delaying main line trains and must not pass block signal 10464 for eastward trains, or signal 10477 for westward trains, if in other than Proceed position, except as provided by Rule 99.

Trains except first class, must move with caution between Douglas and west switch Calumet and look out for yard engines occupying main track.

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE REVENUE PASSENGERS

Train	At	Receive or Discharge	TO (or Beyond)	FROM (or Beyond)	Frequency
1	Any Station	Discharge		East of El Paso	Daily
3	Any Station	Receive	West of Yuma		Daily
3	Any Station	Discharge		East of El Paso	Daily
43	Any Station	Receive	Yuma		Daily
43	Any Station	Discharge		El Paso	Daily
43	Naco	Receive	Tucson		Daily
4	Naco	Receive	East of El Paso		Daily
4	Naco	Discharge		Alhambra	Daily
44	Naco	Receive	El Paso		Daily
44	Naco	Discharge		Alhambra	Daily

HACHITA SUBDIVISION

	EASTWARD									WESTWARD		
	SECOND CLASS		FIRST CLASS							FIRST CLASS		
Capacity of Sidings in Car Lengths	964 Freight	962 Freight	4 Golden State Limited	44 Californian	12 Apache	Distance from San Francisco		Time Table No. 23 December 12, 1937 STATIONS	Distance from Anapra	11 Apache	3 Golden State Limited	43 Californian
	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily					Arrive Daily	Arrive Daily	Arrive Daily
WFYTBKP Yard	10.50PM	**1.55**PM	3.30PM	2.41PM	**3.37**AM	1107.0	TO-R	DOUGLAS 4.8	210.7	s **3.37**AM	s 1.20PM	s **1.55**PM
70 P	11.15	2.30	3.38	2.49	3.45	1111.8		ACACIA 3.9	205.9	3.30	1.13	1.48
77 P	11.33PM	**2.54**	3.43	**2.54**	3.50	1115.7		LEE 5.4	202.0	3.25	1.08	1.42
77 WP	12.05AM	3.24	3.52	3.04	f 4.00	1121.1		CAZADOR 5.5	196.6	f 3.16	12.58	1.33
77 P	12.20	3.36	4.01	3.13	4.10	1126.6		PERILLA 4.0	191.1	3.07	12.48	1.23
77 P	12.29	3.48	4.06	3.18	f 4.15	1130.6		BERNARDINO 7.1	187.1	f 3.02	12.40	1.18
77 P	12.43	**4.14**	**4.14**	3.26	f 4.23	1137.7		CHIRICAHUA 9.4	180.0	f 2.54	12.31	1.09
77 WP	1.01	4.34	4.26	3.38	s 4.35	1147.1		APACHE 5.6	170.6	f 2.42	12.19	12.57
77 P	1.11	4.44	4.33	3.45	4.42	1152.7		MORA 6.0	165.0	2.35	12.11	12.48
107 WPC	1.27	5.06	4.41	3.55	s 4.52	1158.7	TO	RODEO 5.2	159.0	s 2.28	12.03PM	12.40
77 P	1.37	5.18	4.47	4.01	4.59	1163.9		APAN 6.6	153.8	2.20	11.55AM	12.32
45 P	1.49	5.48	4.56	4.10	f 5.08	1170.5		PRATT 5.4	147.2	f 2.11	11.46	12.22
56 P	**2.05**	5.58	5.02	4.16	f 5.15	1175.9	TO	ANIMAS 5.5	141.8	f **2.05**	11.40	12.15
77 WP	2.30	6.12	5.08	4.22	f 5.21	1181.4		ANTELOPE 6.4	136.3	f 1.59	11.33	12.08PM
77 P	2.46	6.24	5.16	4.30	f 5.29	1187.8		PLAYAS 5.6	129.9	f 1.51	11.25	11.58AM
77 P	3.10	6.39	5.22	4.36	5.35	1193.4		GRADE 4.7	124.3	1.45	11.19	11.51
81 P	3.23	6.57	5.27	4.42	5.41	1198.1		VISTA 4.8	119.6	1.40	11.14	11.45
77 P	3.33	7.05	5.33	4.48	5.47	1202.9		MINERO 3.4	114.8	1.34	11.08	11.39
79 WFYP Yard	3.55	7.25	5.38	4.52	f 5.52	1206.3	A. B. S. TO	HACHITA 6.3	111.4	s 1.30	11.04	11.34
77 P	4.12	8.00	5.45	4.59	f 5.59	1212.6		CONTINENTAL 5.5	105.1	f 1.22	10.57	11.26
77 P	4.22	8.11	5.52	5.06	f 6.06	1218.1		VICTORIO 7.5	99.6	f 1.15	10.50	11.19
73 P	4.35	8.23	6.01	5.15	6.15	1225.6		SAVOYA 5.3	92.1	1.06	10.41	11.10
36 WP	4.48	8.32	6.08	5.22	f 6.22	1230.9		HERMANAS 5.1	86.8	f 12.59	10.34	11.03
77 P	4.58	8.58	6.14	5.28	6.28	1236.0		FORD 6.9	81.7	12.53	10.28	10.57
77 P	5.12	9.20	6.22	5.36	f 6.37	1242.9		MIMBRES 7.4	74.8	f 12.45	10.20	10.49
86 WPC	5.35	9.33	6.36	5.49	s 6.51	1250.3	TO	COLUMBUS 6.5	67.4	s 12.35	10.10	10.39
77 P	5.48	9.44	6.44	5.57	7.00	1256.8		MIRIAM 6.8	60.9	12.22	9.58	10.27
78 P	6.01	9.59	6.53	6.06	7.10	1263.6		ARENA 5.3	54.1	12.12	9.49	10.18
77 P	6.10	10.14	7.00	6.13	7.17	1268.9		ALTAIR 5.6	48.8	12.04AM	9.43	10.12
75 P	6.20	10.24	7.07	6.20	f 7.24	1274.5		MALPAIS 4.0	43.2	f 11.58PM	9.36	10.05
78 P	6.27	10.36	7.12	6.25	7.29	1278.5		MONUMENT 7.1	39.2	11.53	9.31	9.59
77 WP	6.41	10.54	7.21	6.34	f 7.39	1285.6		MT. RILEY 5.6	32.1	f 11.45	9.22	9.50
78 P	6.51	11.07	7.27	6.40	7.46	1291.2		POTRILLO 7.8	26.5	11.38	9.16	9.43
78 WPO	7.08	**11.29**	7.36	6.50	f 7.56	1299.0		NORIA 9.9	18.7	f **11.29**	9.07	9.34
77 P	7.30	11.47PM	7.46	7.00	8.09	1308.9		MASTODON 8.8	8.8	11.19	8.57	9.23
77 P	8.00AM	12.03AM	8.00PM	7.14PM	f 8.24AM	1317.7	TO-R	ANAPRA Junction Deming Subdivision	0.0	11.05PM	8.45AM	9.10AM
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(210.7)		Leave Daily	Leave Daily	Leave Daily
	(9.10)	(10.08)	(4.30)	(4.33)	(4.47)			Time Over District		(4.32)	(4.35)	(4.45)
	22.98	20.79	46.82	46.31	44.05			Average speed per hour		46.48	45.97	44.35

Schedule Time and train orders apply as follows:

At Anapra—Westward trains—WEST switch of EAST crossover;

Eastward trains, Deming Subdivision—EAST switch of WEST crossover;

Eastward trains, Hachita Subdivision—EAST switch of EAST crossover.

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE REVENUE PASSENGERS

Train	At	Receive or Discharge	To (or Beyond)	From (or Beyond)	Frequency
3	Any Station	Discharge		East of El Paso	Daily
3	Any Station	Receive	West of Yuma		Daily
43	Any Station	Discharge		El Paso	Daily
43	Any Station	Receive	Yuma		Daily

DEMING SUBDIVISION

Capacity of Sidings in Car Lengths	EASTWARD										Distance from San Francisco	Time Table No. 23 December 12, 1937	Distance from El Paso, Oct. St.	WESTWARD				
	SECOND CLASS					FIRST CLASS								FIRST CLASS				
	984	964	982	962	980	4	6	44	2	12				3	5	43	1	11
	Freight	Freight	Freight	Freight	Freight	Golden State Limited	Argonaut	Californian	Sunset Limited	Apache				Golden State Limited	Argonaut	Californian	Sunset Limited	Apache
	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily		STATIONS		Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily
Yard WFYTPBK	4.35PM		7.00AM		12.01AM		4.15PM		5.40AM		1148.3	TO-R LORDSBURG 4.7	148.7		s 12.17PM		s 10.43PM	
70 P	4.46		7.11		12.12		4.22		5.46		1153.0	ULMORIS 6.0	144.0		12.05PM		10.32	
66 P	4.56		7.21		12.22		4.30		5.53		1159.0	LISBON 5.4	138.0		11.58AM		10.24	
70 P	5.16		7.41		12.42		4.37		5.59		1164.4	HAWKINS 3.6	132.6		11.52		10.18	
107 WP	5.26		7.51		12.52		f 4.42		6.04		1168.0	TO SEPAR 5.8	129.0		f 11.47		10.13	
71 P	5.36		8.01		1.02		f 4.49		6.10		1173.8	LADIM 5.8	123.2		f 11.39		10.07	
70 P	5.46		8.11		1.12		f 4.56		6.16		1179.6	WILNA 3.9	117.4		f 11.32		10.01	
71 P	5.52		8.17		1.18		5.01		6.20		1183.5	QUINCY 5.0	113.5		11.27		9.57	
70 P	6.00		8.25		1.26		f 5.07		6.25		1188.5	GAGE 4.7	108.5		f 11.22		9.52	
100 P	6.08		8.33		1.34		5.12		6.30		1193.2	MONGOLA 6.4	103.8		11.16		9.47	
70 P	6.19		8.44		1.45		5.19		6.37		1199.6	TUNIS 3.7	97.4		11.09		9.41	
70 P	6.25		8.50		1.51		5.24		6.41		1203.3	PARMA 2.8	93.7		11.05		9.37	
70 P	6.30		8.55		1.56		5.28		6.44		1206.1	CAMP CODY 1.9	90.9		10.56		9.34	
240 PWYC	6.50		9.15		2.16		s 5.38		s 6.54		1208.0	TO DEMING 4.5	89.0		s 10.51		s 9.29	
70 P	7.00		9.25		2.26		5.47		7.03		1212.5	LUXOR 6.4	84.5		10.40		9.19	
71 P	7.10		9.35		2.36		f 5.54		7.10		1218.9	CARNE 6.8	78.1		f 10.33		9.13	
70 P	7.21		9.46		2.47		6.01		7.17		1225.7	MYNDUS 3.9	71.3		10.25		9.06	
108 WP	7.28		9.53		2.54		f 6.06		7.21		1229.6	AKELA 4.3	67.4		f 10.21		9.02	
66 P	7.36		10.01		3.02		f 6.11		7.26		1233.9	TO CAMBRAY 4.5	63.1		f 10.16		8.58	
66 P	7.46		**10.11**		3.12		6.16		7.31		1238.4	DONA 4.6	58.6		**10.11**		8.54	
107 P	7.53		10.18		3.19		6.21		7.36		1243.0	CHAPPEL 4.4	54.0		10.06		8.49	
80 P	8.03		10.28		3.29		f 6.26		7.41		1247.4	ADEN 3.9	49.6		f 10.00		8.44	
71 P	8.10		10.35		3.36		6.31		7.46		1251.3	PRONTO 3.3	45.7		9.55		8.39	
71 P	8.16		10.41		3.42		f 6.35		7.50		1254.6	KENZIN 4.8	42.4		f 9.51		8.35	
107 WOP	**8.30**		10.51		3.52		f 6.42		7.56		1259.4	TO AFTON 5.3	37.6		f 9.45		**8.30**	
70 P	8.42		11.01		4.02		6.49		8.03		1264.7	RUTTER 4.8	32.3		9.35		8.22	
107 P	8.51		11.10		4.11		6.55		8.09		1269.5	LANARK 5.0	27.5		9.29		8.16	
71 P	9.00		11.19		4.20		7.02		8.15		1274.5	VEVAY 5.2	22.5		9.23		8.10	
North 85 South 63 YPW	9.09		11.28		4.29		f 7.09		8.21		1279.7	STRAUSS 5.5	17.3		f 9.17		8.04	
71 P	9.19		11.38		4.39		7.17		8.28		1285.2	LIZARD 4.7	11.8		9.08		7.57	
83 P	9.28	8.00AM	11.47AM	12.03AM	4.48	8.00PM	f 7.25	7.14PM	8.35	8.24AM	1317.7	TO-R ANAPRA Jct. Hachita Subdivision 1.4 TO-R ANAPRA Junction Hachita Subdivision 2.0	7.1	8.45AM	f 9.00	9.10AM	7.50	f 11.05PM
32 P											1319.1	BOWEN 1.8 BRICKLAND 1.0	5.1					
											1320.9	ICE HOUSE XOVER 1.9 RIO GRANDE 2.6	4.1					
I	9.43	8.20	12.02PM	12.20	5.03	8.12	7.42	7.27	8.47	8.37	1322.8	TOWER 6 Jct. T. & N. O. Tracks 1 and 2 0.4 TOWER 6 Jct. T. & N. O. Tracks 1 and 2 0.4	1.5	8.33	8.48	8.58	7.38	10.53
BKP Yard						s 8.15PM	s 7.45PM	s 7.30PM	s 8.50AM	s 8.40AM	1295.9	R EL PASO Union Passenger Depot 1.1 R EL PASO Union Passenger Depot 1.1	1.1	8.30AM	8.45AM	8.55AM	7.35PM	10.50PM
WFTPYBK Yard	9.52PM	8.30AM	12.11PM	12.30AM	5.12AM						1297.0	TO-R EL PASO Octavia Street T. & N. O. Yard TO-R EL PASO Octavia Street Pac. Lines	0.0					
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily		(148.2) (148.7)		Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily
	(5.17) 28.05	(0.30) 13.20	(5.11) 28.59	(0.27) 14.67	(5.11) 28.59	(0.15) 22.00	(3.30) 42.03	(0.16) 20.62	(3.10) 46.45	(0.16) 20.62		Time Over District Average Speed per hour		(0.15) 24.00	(3.32) 41.77	(0.15) 24.00	(3.08) 47.11	(0.15) 24.00

A. B. S. (Lordsburg to Anapra)

A. B. S. Track No. 2 (Anapra to El Paso, eastward stations)

Track No. 1 (Anapra to El Paso, westward stations)

Schedule Time and train orders apply as follows:

At Anapra—Westward trains—WEST switch of EAST crossover;
Eastward trains, Deming Subdivision—EAST switch of WEST crossover;
Eastward trains, Hachita Subdivision—EAST switch of EAST crossover.

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE REVENUE PASSENGERS

Train	At	Receive or Discharge	TO (or Beyond)	FROM (or Beyond)	Frequency
1	Any Station	Discharge		East of El Paso	Daily

Brickland, Track 1, Industry Spur.

ALAMOGORDO SUBDIVISION

EASTWARD	SECOND CLASS				FIRST CLASS								WESTWARD FIRST CLASS		
Capacity of Sidings in Car Lengths	996	994	992	990	4	44	12	Distance from San Francisco		Time Table No. 23 December 12, 1937		Distance from Carrizozo	3	43	11
	Freight	Freight	Freight	Freight	Golden State Limited	Californian	Apache			STATIONS			Golden State Limited	Californian	Apache
	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily	Leave Daily						Arrive Daily	Arrive Daily	Arrive Daily
Yard BKIP					8.35PM	7.55PM	9.05AM	1295.9	A.B.S.	R EL PASO Union Passenger Depot 1.1	D.T.	144.0	s 8.05AM	s 8.30AM	s 10.35PM
Yard FBWYTPK	10.50PM	4.20PM	10.50AM	4.50AM	8.42	8.02	9.12	1297.0		TO-R EL PASO Octavia St. T. & N.O. Co. Yard 0.6		142.9	7.58	8.23	10.28
IP	10.54	4.24	10.54	4.54	8.46	8.06	9.16	1297.6		EL PASO Tower 47 T. & N. O. Co. Connection		142.3	7.54	8.19	10.24
Yard P								1297.0		EL PASO Dallas St. Yard 4.5		142.9			
P							f	1301.5		FORT BLISS 0.8		138.4			f
107 P	11.28	4.58	11.28	5.28	8.58	8.18	f 9.28	1302.3		PLANEPORT 6.7		137.6	7.35	8.00	f 10.05
76 P	11.39	5.09	11.39	5.39	9.06	8.26	9.36	1309.0		PANCHO 7.1		130.9	7.28	7.52	9.58
106 WP	11.50	5.20	11.50	5.50	9.14	8.36	f 9.45	1316.1		TO NEWMAN 5.6		123.8	7.21	7.44	f 9.51
78 P	11.59PM	5.29	11.59AM	5.59	9.21	8.43	f 9.53	1321.7		HUECO 4.5		118.2	7.15	7.38	f 9.45
79 P	12.07AM	5.37	12.07PM	6.07	9.26	8.49	9.59	1326.2		ALVARADO 5.9		113.7	7.10	7.32	9.40
78 P	12.16	5.46	12.16	6.16	**9.33**	8.56	f 10.06	1332.1		DESERT 7.1		107.8	7.04	7.26	f **9.33**
77 P	12.27	5.57	12.27	6.27	9.45	9.04	10.15	1339.2		ELWOOD 5.8		100.7	6.56	7.18	9.23
126 WYP	12.42	6.12	12.42	**6.50**	9.53	**9.13**	f 10.22	1345.0		TO OROGRANDE 6.3		94.9	**6.50**	7.12	f **9.13**
78 P	12.53	6.23	12.53	**7.04**	10.00	9.20	f 10.30	1351.3	A.B.S.	TURQUOISE 5.7		88.6	6.43	**7.04**	f 9.05
77 P	1.03	6.33	1.03	7.15	10.06	9.26	10.37	1357.0		PAXTON 5.1		82.9	6.36	6.58	8.59
81 P	1.11	6.41	1.11	7.23	10.12	9.32	f 10.43	1362.1		ESCONDIDA 3.9		77.8	6.30	6.52	f 8.54
99 P	1.17	6.47	1.17	7.30	10.16	9.36	10.48	1366.0		DUNES 6.3		73.9	6.25	6.47	8.50
77 P	1.28	6.58	1.28	7.41	10.24	9.44	f 10.56	1372.3		VALMONT 5.9		67.6	6.17	6.39	f 8.42
116 P	1.42	7.12	1.42	7.55	10.31	9.51	11.03	1378.2		OMLEE 4.6		61.7	6.09	6.32	8.35
184 FBWPK	2.02	7.32	2.02	8.15	s 10.44	s 10.04	s 11.16	1382.8		TO-R ALAMOGORDO 1.4		57.1	s 6.03	s 6.26	s 8.28
YP	2.07	7.37	2.07	8.20	10.47	10.07	11.19	1384.2		ALAMOGORDO JCT. 4.4		55.7	5.56	6.18	8.18
77 P	2.22	7.52	2.22	8.35	10.54	10.13	11.25	1388.6		KEARNEY 7.0		51.3	5.51	6.13	8.13
79 P	2.33	**8.05**	2.33	8.46	11.02	10.21	s 11.35	1395.6		TO TULAROSA 7.4		44.3	f 5.43	s 6.06	s **8.05**
77 P	2.45	8.20	2.45	8.58	11.10	10.30	11.44	1403.0		TEMPORAL 4.2		36.9	5.35	5.57	7.54
78 P	2.52	8.27	2.52	9.05	11.15	10.35	11.49	1407.2		SALINAS 5.7		32.7	5.30	5.52	7.49
78 WP	3.07	8.42	3.07	9.20	11.21	10.41	f 11.56AM	1412.9		THREE RIVERS 5.5		27.0	5.24	5.46	f 7.43
78 P	3.27	9.02	3.27	9.40	11.29	10.49	12.05PM	1418.4		NORTH 6.1		21.5	5.18	5.40	7.36
78 WP	3.52	9.27	3.52	10.05	11.39	10.59	f 12.15	1424.5		OSCURA 8.3		15.4	5.11	5.33	f 7.29
77 P	4.09	9.44	4.09	10.22	11.49	11.09	12.25	1432.8		POLLY 7.1		7.1	5.02	5.24	7.19
Yard FBWYPK	4.29AM	10.05PM	4.30PM	10.42AM	s 11.59PM	s 11.20PM	s 12.35PM	1439.9		TO-R CARRIZOZO		0.0	4.53AM	5.15AM	7.10PM
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily			(144.0)			Leave Daily	Leave Daily	Leave Daily
	(5.29) 26.06	(5.35) 25.59	(5.30) 25.98	(5.42) 25.07	(3.24) 42.35	(3.25) 42.14	(3.30) 41.14			..........Time over District.......... ....Average Speed per Hour..........			(3.12) 45.00	(3.15) 44.31	(3.25) 42.14

Between yard limit board East of Alamogordo Junction and connection between main track and siding located east of Alamogordo station, trains to and from the Cloudcroft Branch may move under authority of block signals only.

All trains must move between these points prepared to stop expecting to find main track occupied.

Cloudcroft trains must avoid delaying main line trains and should when practicable move through Alamogordo siding instead of through the connection.

First class trains meeting at Alamogordo will use that portion of the siding between the East and West connections just east and west of station and time table schedules and train orders applicable between first class trains only will apply at these connections.

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE REVENUE PASSENGERS

Train	At	Receive or Discharge	TO (or Beyond)	FROM (or Beyond)	Frequency
3	Any Station	Receive	West of Yuma		Daily
3, 43	Any Station	Discharge		East of Tucumcari	Daily
43	Any Station	Receive	Yuma		Daily

EASTWARD — SANTA ROSA SUBDIVISION — WESTWARD

Capacity of Sidings in Car Lengths	SECOND CLASS				FIRST CLASS			Distance from San Francisco			Time Table No. 23 December 12, 1937 STATIONS	Distance from Tucumcari	FIRST CLASS		
	994 Freight Leave Daily	992 Freight Leave Daily	990 Freight Leave Daily	996 Freight Leave Daily	44 Californian Leave Daily	12 Apache Leave Daily	4 Golden State Limited Leave Daily						3 Golden State Limited Arrive Daily	43 Californian Arrive Daily	11 Apache Arrive Daily
Yard FBWYPK	10.45PM	5.05PM	11.10AM	**5.05**AM	11.30PM	12.45PM	12.09AM	1439.9	A. B. S.	TO-R	CARRIZOZO 0.4	187.5	s 4.45AM	s **5.05**AM	s 7.00PM
								1440.3			CARRIZOZO JUNCTION 6.6	187.1			
78 P	11.05	5.25	11.30	5.25	11.43	12.55	12.19	1446.9			ROBSART 5.3	180.5	4.37	4.55	6.50
77 WP	11.20	5.40	11.45AM	5.40	11.53PM	f 1.02	12.27	1452.2			COYOTE 7.0	175.2	4.31	4.47	f 6.43
77 P	11.35PM	5.55	12.01PM	5.55	12.03AM	1.12	12.37	1459.2			LARGO 4.3	168.2	4.22	4.38	6.33
86 WP	**12.11**AM	**6.26**	12.26	6.20	**12.11**	s 1.20	12.45	1463.5		TO	ANCHO 3.5	163.9	4.16	4.32	f **6.26**
106 P	12.26	6.41	12.41	6.35	12.18	f 1.27	12.52	1467.0			LUNA 6.0	160.4	4.10	4.25	f 6.19
77 P	12.46	7.01	1.01	6.55	12.28	f 1.37	1.02	1473.0			TECOLOTE 4.8	154.4	4.01	4.16	f 6.11
77 P	12.56	7.11	1.11	7.05	12.34	1.44	1.08	1477.8			ELDA 4.7	149.6	3.54	4.10	6.05
132 WP	**1.15**	7.19	1.19	7.13	12.40	f 1.50	**1.15**	1482.5			GALLINAS 8.4	144.9	3.49	4.05	f 5.59
74 YP	1.31	7.34	1.34	7.28	12.50	s 2.02	1.26	1490.9		TO	CORONA 4.3	136.5	3.38	3.55	s 5.49
75 P	1.39	7.43	1.43	7.37	12.56	f 2.08	1.32	1495.2			VARNEY 3.8	132.2	3.30	3.48	f 5.41
74 WP	1.46	7.50	1.50	7.44	1.01	f 2.13	1.37	1499.0			TORRANCE 5.4	128.4	3.25	3.43	f 5.36
77 P	1.56	8.00	2.00	7.54	1.08	2.20	1.44	1504.4			HELENA 6.2	123.0	3.19	3.36	5.29
Yard WP	2.08	8.12	2.12	8.06	1.15	f 2.29	1.52	1510.6			DURAN 6.0	116.8	3.12	3.29	f 5.21
84 P	2.20	8.24	2.24	8.18	1.22	2.36	2.00	1516.6			INDIOLE 4.9	110.8	3.05	3.22	5.13
84 P	2.29	8.33	2.33	8.27	1.30	2.43	2.07	1521.5			EPRIS 3.9	105.9	2.57	3.16	5.05
No. 1-105 No. 2-120 KCWP	**2.36** **3.10**	9.11	**2.55**	9.05	s 1.40	s **2.55**	2.19	1525.4		TO-R	VAUGHN 2.7	102.0	**2.51**	s **3.10**	s 4.59
81 P	3.16	9.17	3.17	9.11	1.44	f 2.59	2.24	1528.1			TONY 5.2	99.3	2.41	2.58	f 4.49
77 P	3.25	9.26	3.26	9.20	1.51	3.06	**2.33**	1533.3			LEONCITO 6.7	94.1	**2.33**	2.51	4.42
78 P	3.37	9.38	3.39	9.32	2.00	3.15	**2.42**	1540.0			WINKLE 7.2	87.4	2.22	**2.42**	4.33
109 WP	3.50	9.51	3.53	9.45	**2.13**	f 3.24	2.52	1547.2		TO	PASTURA 5.2	80.2	**2.13**	2.28	f 4.24
77 P	3.59	10.00	**4.16**	9.54	**2.21**	3.31	3.00	1552.4			GUADALUPE 6.1	75.0	2.03	**2.21**	**4.16**
77 P	4.10	10.11	4.28	10.05	2.29	3.39	3.08	1558.5			ARABELLA 5.2	68.9	1.53	2.13	4.08
77 CP	4.20	10.21	4.38	10.15	2.37	f 3.47	3.16	1563.7			PINTADO 4.6	63.7	1.44	2.05	f 4.00
No. 1-79 No. 2-73 WYP	4.35	10.36	4.53	10.30	2.43	s **3.53**	3.22	1568.3		TO	SANTA ROSA 5.7	59.1	1.35	s 1.58	s **3.53**
99 P	4.50	10.51	5.08	10.45	2.52	f 4.05	3.31	1574.0			HAWKS 3.4	53.4	1.21	1.45	f 3.41
76 P	4.58	10.59	5.16	10.53	2.57	f 4.10	3.36	1577.4			LOS TANOS 2.9	50.0	1.15	1.41	f 3.37
102 P	5.04	11.05	5.22	10.59	3.01	4.14	3.40	1580.3			ALCOR 5.5	47.1	1.10	1.37	3.33
107 WP	5.14	11.15	5.32	11.09	3.08	s 4.24	3.47	1585.8		TO	CUERVO 8.9	41.6	1.00	1.30	s 3.25
107 P	5.29	11.30	5.47	11.24	3.18	f 4.36	3.57	1594.7		TO	NEWKIRK 5.7	32.7	12.47	1.20	f 3.12
76 P	5.41	11.45	5.59	11.36	3.25	4.45	4.04	1600.4			SIMMONS 6.3	27.0	12.40	1.13	3.04
107 WP	5.52	11.59PM	6.10	11.47AM	3.33	f 4.55	4.12	1606.7			MONTOYA 8.8	20.7	12.32	1.05	f 2.56
77 P	6.07	**12.22**AM	6.25	12.02PM	3.43	f 5.06	4.22	1615.5			PALOMAS 6.4	11.9	**12.22**	12.55	f 2.46
76 P	6.20	**12.48**	6.38	12.15	3.53	5.19	4.30	1621.9			HARGIS 5.5	5.5	12.15	**12.48**	2.38
Yard FWYTPBK	6.30AM	1.00AM	6.48PM	12.25PM	s 4.05AM	s 5.30PM	s 4.40AM	1627.4		TO-R	TUCUMCARI	0.0	12.05AM	12.40AM	2.30PM
	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily	Arrive Daily				(187.5)		Leave Daily	Leave Daily	Leave Daily
	(7.45)	(7.55)	(7.38)	(7.20)	(4.35)	(4.45)	(4.31)				Time over District		(4.40)	(4.25)	(4.30)
	24.19	23.68	24.56	25.57	40.91	39.47	41.51				Average speed per hour		40.18	42.45	41.67

At Tucumcari—Schedule time and train orders, first class trains apply at passenger station.

Additional Station: Montoya Water Spur, M. P. 1606.0.

ADDITIONAL FLAG STOPS TO RECEIVE OR DISCHARGE REVENUE PASSENGERS

Train	At	Receive or Discharge	TO (or Beyond)	FROM (or Beyond)	Frequency
3	Any Station	Receive	West of Yuma		Daily
3	Any Station	Discharge		East of Tucumcari	Daily
44	Santa Rosa Newkirk	Receive	Schedule station stops		Daily
44	Santa Rosa Newkirk	Discharge		Schedule station stops	Daily
43	Newkirk	Receive	Schedule station stops		Daily
43	Newkirk	Discharge		Schedule station stops	Daily
43	Any Station	Receive	Yuma		Daily
43	Any Station	Discharge		East of Tucumcari	Daily
3, 4	Vaughn Santa Rosa	Receive	Schedule station stops		Daily
3, 4	Vaughn Santa Rosa	Discharge		Schedule station stops	Daily

EASTWARD — SANTA ROSA SUBDIVISION — WESTWARD

Capacity of Sidings in Car Lengths	SECOND CLASS 974 Mixed Leave Daily Except Sun.	Distance from San Francisco		Time Table No. 23 December 12, 1937 Dawson Branch STATIONS	Distance from Dawson	SECOND CLASS 975 Mixed Arrive Daily Except Sun.
Yard TWYPBKF	5.15AM	1627.4	TO-R	TUCUMCARI 7.5	132.0	s 4.15PM
45 P	f 5.30	1634.9		BASCOM 5.5	124.5	f 3.50
33 P	f 5.44	1640.4		CANADIAN 9.7	119.0	f 3.30
45 P	f 6.06	1650.1		ATARQUE 5.5	109.3	f 3.00
1 Spur	f	1655.6		TRIGG RANCH 6.1	103.8	f
33 YWP	s 6.38	1661.7		CAMPANA 5.9	97.7	s 2.30
33 P	f 7.00	1667.6		MEDIO 5.4	91.8	f 2.00
63 CYP	f 7.25	1673.0		CABEZA 4.9	86.4	f 1.30
77 P	s 7.40	1677.9	TO	MOSQUERO 8.4	81.5	s 1.10
56 P	s 7.57	1686.3		SOLANA 9.8	73.1	s 12.45
33 P	s 8.17 ¶ 9.00	1696.1	TO	ROY 10.3	63.3	¶ 12.20PM s 11.45AM
62 YP	s 9.22	1706.4		MILLS 4.3	53.0	s 11.20
79 P	f 9.35	1710.7		ALICIA 4.9	48.7	f 10.55
61 WP	s 9.48	1715.6		ABBOTT 6.2	43.8	s 10.30
55 P	f **10.05**	1721.8		VERNON 8.0	37.6	f **10.05**
40 CYP	s 10.30	1729.8		TAYLOR 11.5	29.6	s 9.30
31 P	s 11.15 11.35	1741.3		FRENCH 0.4	18.1	8.40 s 8.20
31 P	f 11.40AM	1741.7		LLOYD 12.6	17.7	f 8.15
Yard P	f 12.15PM	1754.3		COLFAX A. T. & S. F. R. R. Crossing 5.1	5.1	f 7.50
Yard YCWTPBK	s 1.00PM	1759.4	TO-R	DAWSON	0.0	7.30AM
	Arrive Daily Except Sun.			(132.0)		Leave Daily Except Sun.
	(7.45)			Time over District		(8.45)
	17.03			Average Speed per hour		15.09

French-Time shown at French applies at A. T. & S. F. station.

No. 974 may arrive Dawson ahead of time shown, after observing scheduled time at Colfax.

EASTWARD — MESCAL SUBDIVISION — WESTWARD

Capacity of Sidings in Car Lengths	SECOND CLASS 944 Mixed Leave Thurs. only	Distance from San Francisco			Time Table No. 23 December 12, 1937 Patagonia Branch STATIONS	Distance from Flux	THIRD CLASS 945 Mixed Arrive Thurs. only
77 PWOYKB	9.00AM	1048.2	A. B. S.	TO-R	FAIRBANK 0.4	47.0	s 2.30PM
P		1051.7			N. M. & A. JUNCTION 10.8	46.6	
35	s 9.39	1062.5			CAMPSTONE 11.3	35.8	s 1.52
30 PW	s 10.16	1073.8			ELGIN 2.2	24.5	s 1.15
6 Spur	f	1076.0			CANELO 6.1	22.3	f
34 P	s 10.44	1082.1			SONOITA 6.3	16.2	s 12.47
	f	1088.4			ASHBURN 6.7	9.9	f
33 TW	s 11.30AM	1095.1			PATAGONIA 3.2	3.2	12.01PM
4 Spur		1098.3			FLUX	0.0	
	Arrive Thurs. only				(47.0)		Leave Thurs. only
	(2.30)				Time Over District		(2.29)
	18.80				Average speed per hour		18.93

Trains 944 and 945 stop on signal at Perrin Trust Ranch House 2.8 miles east of Canelo.

EASTWARD

MESCAL SUBDIVISION

WESTWARD

Time Table No. 23
December 12, 1937
Benson-Fairbank Branch

Capacity of Sidings in Car Lengths		THIRD CLASS 940 Mixed	Distance from San Francisco		STATIONS	Distance from Fairbank	SECOND CLASS 941 Mixed
		Leave Mon. Tue. Wed. Fri. Sat.					Arrive Mon. Tue. Wed. Fri. Sat.
Yard	WYPKO	11.00AM	1032.6	TO-R	BENSON	19.8	s 10.30AM
					5.5		
7	Spur	f 11.19	1038.1		ST. DAVID	14.3	f 10.05
					1.7		
16	P	s 11.44	1039.8	TO	CURTISS	12.6	s 9.55
					2.6		
13		f 11.54AM	1042.4		LAND	10.0	f 9.35
					6.1		
		f	1048.5		CONTENTION	3.9	f
					2.1		
	P	s 12.24PM	1046.4	A. B. S.	BENSON JCT.	1.8	s 9.10
					1.4		
	P		1047.8		N. M. & A. JCT.	0.4	
					0.4		
77	PWOYKB	s 12.34PM	1048.2	TO-R	FAIRBANK	0.0	9.00AM
		Arrive Mon. Tue. Wed. Fri. Sat.			(19.8)		Leave Mon. Tue. Wed. Fri. Sat.
		(1.34)			Time Over District		(1.30)
		12.64			Average speed per hour		13.20

Eastward trains on Benson-Fairbank Branch must not pass block signal 10464 or foul main track until authorized by train dispatcher.

Apache Powder Co. Spur M. P. 1039.6 Nos. 940 and 941 stop on signal.
Additional Stations: Contention Quarry, mile post 1049.45

EASTWARD

MESCAL SUBDIVISION

WESTWARD

Time Table No. 23
December 12, 1937
Tombstone Branch

Capacity of Sidings in Car Lengths		SECOND CLASS 940 Mixed	Distance from San Francisco		STATIONS	Distance from Tombstone	THIRD CLASS 941 Mixed
		Leave Mon. Wed. Sat.					Arrive Mon. Wed. Sat.
77	OWYPKB	1.20PM	1048.2	TO-R	FAIRBANK	9.0	s 2.40PM
					9.0		
7	W	s 1.50PM	1057.5	R	TOMBSTONE	0.0	2.10PM
		Arrive Mon. Wed. Sat.			(9.0)		Leave Mon. Wed. Sat.
		(0.30)			Time Over District		(0.30)
		18.00			Average speed per hour		18.00

EASTWARD

MESCAL SUBDIVISION

WESTWARD

Time Table No. 23
December 12, 1937
Ft. Huachuca Branch

Capacity of Sidings in Car Lengths		SECOND CLASS 946 Mixed	SECOND CLASS 942 Mixed	Distance from San Francisco		STATIONS	Distance from Ft. Huachuca	THIRD CLASS 943 Mixed	THIRD CLASS 947 Mixed
		Leave Fri. Only	Leave Tue. Only					Arrive Tue. Only	Arrive Fri. Only
77	YP	3.20PM	2.10PM	1058.8	R	LEWIS SPRINGS	13.2	s 3.25PM	s 4.50PM
						10.1			
23		f 3.44	f 2.34	1068.9		GARDEN CANON	3.1	f 3.01	f 4.26
						3.1			
34	YB	s 3.55PM	s 2.45PM	1072.0	R	FT. HUACHUCA	0.0	2.50PM	4.15PM
		Arrive Fri. Only	Arrive Tue. Only			(13.2)		Leave Tue. Only	Leave Fri. Only
		(0.35)	(0.35)			Time Over District		(0.35)	(0.35)
		22.63	22.63			Average speed per hour		22.63	22.63

EASTWARD

MESCAL SUBDIVISION

WESTWARD

Time Table No. 23
December 12, 1937
Bisbee-Lowell Cut-off

Capacity of Sidings in Car Lengths		Distance from San Francisco		STATIONS	Distance from Lowell
77	P	1088.3		CORTA	2.8
				1.3	
13	Spur	1089.6		WARREN	1.5
				1.5	
10	P Spur	1091.7		LOWELL	0.0
				(2.8)	
				Time Over District	
				Average speed per hour	

EASTWARD

MESCAL SUBDIVISION

WESTWARD

Time Table No. 23
December 12, 1937
Bisbee Branch

Capacity of Sidings in Car Lengths		Distance from San Francisco		STATIONS	Distance from Bisbee
Yard	YWPC	1085.0	TO-R	BISBEE JUNCTION	7.8
				3.2	
77	P	1088.3		CORTA	4.6
				1.5	
Yd	YOBP	1089.8		DON LUIS	3.1
				1.0	
No.1-20 No.2-17		1090.8	A. B. S.	GALENA	2.1
				0.9	
10	P Spur	1091.7		LOWELL	1.2
				1.2	
14	KP	1092.9		BISBEE	0.0
				(7.8)	
				Time Over District	
				Average speed per hour	

EASTWARD

DEMING SUBDIVISION

WESTWARD

Time Table No. 23
December 12, 1937
Valedon Branch

Capacity of Sidings in Car Lengths		Distance from San Francisco		STATIONS	Distance from Valedon
WPYTBKF Yard		1148.3	TO-R	LORDSBURG	5.7
				1.4	
40		1148.3		OIL SIDING	4.3
				3.2	
7	Spur	1150.1		SHAKESPEARE	1.1
				0.6	
4	Spur	1150.7		LAWRENCE	0.5
				0.5	
3	P	1151.2		VALEDON	0.0
				(5.7)	
				Time Over District	
				Average speed per hour	

EASTWARD

DEMING SUBDIVISION

WESTWARD

Time Table No. 23
December 12, 1937
Clifton Branch

Capacity of Sidings in Car Lengths		SECOND CLASS 952 Mixed	Distance from San Francisco		STATIONS	Distance from Clifton	THIRD CLASS 953 Mixed
		Leave Daily Except Sun.					Arrive Daily Except Sun.
WPYTBKF Yard		12.30PM	1148.3	TO-R	LORDSBURG	69.9	s 8.10PM
					9.8		
52		f 12.53	1156.2		VEITCH	60.1	f 7.50
					9.1		
43	P	f 1.13	1165.3		SUMMIT	51.0	f 7.30
					5.5		
35		f 1.24	1170.8		FOSTER	45.5	f 7.17
					5.4		
39		f 1.35	1176.2		THOMSON	40.1	f 7.04
					4.7		
7		f 1.45	1180.9		FRANKLIN	35.4	f 6.53
					3.4		
50	WP	s 1.56	1184.3	TO	DUNCAN	32.0	s 6.44
					2.6		
15		f 2.04	1186.9		FOX	29.4	f 6.32
					5.7		
51		f 2.22	1192.6		SHELDON	23.7	f 6.13
					6.5		
43		f 2.42	1199.1		YORK	17.2	f 5.49
					6.1		
26	WP	f 3.02	1205.2		GUTHRIE	11.1	f 5.27
					4.6		
23	P	f 3.18	1209.8		SOUTH SIDING	6.5	f 5.11
					4.4		
	P	f 3.34	1214.2		SMELTER	2.1	f 4.55
					2.1		
WTP Yard		s 3.55PM	1216.3	A.B.S. TO-R	CLIFTON	0.0	4.45PM
		Arrive Daily Except Sun.			(69.9)		Leave Daily Except Sun.
		(3.25)			Time Over District		(3.25)
		20.46			Average speed per hour		20.46

Nos. 952 and 953 stop at Centre St., Clifton, for passengers.

EASTWARD ALAMOGORDO SUBDIVISION WESTWARD

Capacity of Sidings in Car Lengths	SECOND CLASS 970 Mixed Leave Mon. Wed. Fri.	Distance from San Francisco		Time Table No. 23 December 12, 1937 Cloudcroft Branch STATIONS	Distance from Russia	THIRD CLASS 971 Mixed Arrive Mon. Wed. Fri.
177 BFWPK	7.35AM	1382.8	A.B.S.	TO-R ALAMOGORDO	32.3	s 3.00PM
YP	7.40	1384.2		1.4 ALAMOGORDO JUNCTION	30.9	2.50
17 P	f 8.00	1388.8		4.6 LA LUZ	26.3	s 2.35
14	f 8.20	1392.5		3.7 EL VALLE	22.6	f 2.10
15	f 8.35	1395.4		2.9 PINTO	19.7	f 1.55
15 P	s 8.55	1398.6		3.2 HIGH ROLLS	16.5	s 1.35
9 P	s 9.00	1399.3		0.7 MOUNTAIN PARK	15.8	s 1.25
7 WP	f 9.10	1400.9		1.6 WOOTEN	14.2	f 1.15
8 YP	f 9.30	1403.5		2.6 TOBOGGAN	11.6	f 1.00
		1403.7		0.2 SWITCHBACK (West End)	11.4	
		1404.3		0.6 SWITCHBACK (East End)	10.8	
14 WPY	s 10.15	1408.7		4.4 TO-R CLOUDCROFT	6.4	s 12.20
41 Spur	10.20	1409.4		0.7 HOTEL	5.7	12.05PM
11 Spur	f 10.30	1410.6		1.2 COX CANON	4.5	f 11.55AM
		1413.3		2.7 HUDMANS	1.8	
22 YP	s 10.55AM	1415.1		1.8 RUSSIA	0.0	11.30AM
	Arrive Mon. Wed. Fri.			(32.3)		Leave Mon. Wed. Fri.
	(3.20)			Time over District		(3.30)
	9.69			Average speed per hour		9.23

EASTWARD ALAMOGORDO SUBDIVISION WESTWARD

Capacity of Sidings in Car Lengths	SECOND CLASS 972 Mixed Leave Tue. Fri.	Distance from San Francisco		Time Table No. 23 December 12, 1937 Capitan Branch STATIONS	Distance from Capitan	THIRD CLASS 973 Mixed Arrive Tue. Fri.
Yard BWYPKF	6.00AM	1439.9	A.B.S.	TO-R CARRIZOZO	21.3	s 11.20AM
	6.02	1440.3		0.4 CARRIZOZO JUNCTION	20.9	11.15
5 Spur	f 6.50	1449.0		8.7 WALNUT	12.2	s 10.40
		1453.4		4.4 SWITCH BACK (East End)	7.8	
		1453.8		0.4 SWITCH BACK (West End)	7.4	
5 Spur	f 7.35	1454.5		0.7 INDIAN DIVIDE	6.7	f 9.55
27 Spur Y	f 8.00	1458.7		4.2 COALORA	2.5	f 9.25
32 Spur P	s 8.25AM	1461.2		2.5 CAPITAN	0.0	9.00AM
	Arrive Tue. Fri.			(21.3)		Leave Tue. Fri.
	(2.25)			Time over District		(2.20)
	8.81			Average speed per hour		9.13

SPECIAL INSTRUCTIONS

RULE 2. Watch Inspectors:

S. A. Pope, Manager of Time Service, 65 Market St., San Francisco.
El Paso........B. R. Benjamin, 212 Mills St.
El Paso........Art Kassel, 910 No. Piedras St.
Tucson........Greenwald & Adams
Tucson........H. L. Tucker
Douglas........Hoyal Jewelers
Bisbee........L. L. Gilman
Lordsburg........H. H. Conder
Alamogordo........A. Sorenson & Son
Tucumcari........E. E. Rivers

SPECIAL INSTRUCTIONS ☞ "SAFETY"

RULE 14 (d). As specified below, four long and one short sounds of whistle will be indication that flagman may return from West as prescribed by Rule 99:

Mescal, Trains on Mescal Subdivision.
Anapra, Trains on Hachita Subdivision.

RULE 14 (e). As specified below, six long sounds of whistle will be indication that flagman may return from East as prescribed by Rule 99:

Mescal, Trains on Mescal Subdivision.
Anapra, Trains on Hachita Subdivision.

RULE 21 (c). Engines of trains may display indicators from El Paso Union Passenger Depot:

Westward to Anapra,
Eastward to Octavia St.

RULE 30.

Curtiss: Whistle signal must be sounded and bell kept ringing approaching and over crossing near Apache Powder Co. office, and movements over highway crossing on spur leading to plant must be preceded by flagman.

Smelter: On main lead in lower yard whistle must be sounded and bell kept ringing aproaching and over crossings at the east and west ends of converter building.

RULE D-71. Trains may move between Anapra and El Paso (Octavia St.) with the current of traffic irrespective of time table superiority but must avoid delaying passenger trains.

RULE S-72. Westward trains are superior to trains of the same class in the opposite direction.

RULE 83. Eastward trains of the Hachita subdivision may move Anapra to El Paso with current of traffic as authorized into Anapra.

RULE 83 as it applies to passing from double to single track is modified. If identification of trains on double track is made between El Paso Union Passenger Depot and Octavia Street, T&NO Yard, it will not be necessary to obtain a train order check of the same trains before passing from double to single track. Trains may identify each other on double track between El Paso Union Passenger Depot and Tower 47.

RULE 83 (A). At the following stations only trains originating and terminating will register:

Fairbank
Bisbee Jct.
Vaughn
Tombstone
Benson
Alamogordo

All trains operating over branch lines arriving or departing Fairbank will register at Fairbank.

RULE 83 (B). At open train order offices trains may register by ticket as follows:

Mescal, All trains.
Anapra, All trains.

El Paso (Octavia St.) Trains that do not originate or terminate at El Paso (Octavia St.) and pass that point.

Trains the schedule of which terminates at El Paso Union Passenger Depot, register by ticket in addition to complying with Rule 83 (A).

Trains leaving El Paso Union Passenger Depot show time of departure on bottom of ticket left at Anapra or El Paso (Octavia St.).

RULE 83 (D). Will not apply at Tombstone or at Fort Huachuca.

Westward trains leaving El Paso (Octavia Street) routed via Anapra and Hachita Subdivision must obtain two clearances, one marked Deming Subdivision and one marked Hachita Subdivision.

Eastward trains of the Hachita subdivision may leave Anapra without a clearance and will be governed by train order signal.

Trains originating at El Paso Union Passenger Depot will proceed westward to Anapra or eastward to El Paso (Octavia Street), where they will obtain a clearance and, when necessary, check of trains. Sections of Westward schedules and Westward extra trains originating at El Paso Union Passenger Depot must obtain train orders at Anapra, and sections of Eastward schedules and Eastward extra trains must obtain train orders at El Paso (Octavia Street) for movement beyond those points.

Trains must obtain clearance before leaving Deming.

No. 975 must obtain clearance before leaving French.

RULE 93. Yard limits are established at:

Tucson
Benson
Curtiss
Patagonia
Sonoita
Fairbank
Ft. Huachuca
Bisbee Jct.
Douglas
Hachita
Columbus
Valedon
Lordsburg
Duncan
Clifton
Deming
El Paso
Alamogordo
Cloudcroft
Russia
Carrizozo
Capitan
Vaughn
Santa Rosa
Tucumcari
Roy
Lloyd-French
Dawson

Yard limits are defined at the following points by yard limit signs:

Fairbank........Main Track, MP 1046.32 and MP 1049.36.
Benson Branch, MP 1050.81.
Patagonia Branch, MP 1052.32.
Tombstone Branch, MP 1049.42.
Bisbee Jct.........Main Track, MP 1084.27 and MP 1085.78, and includes all of Bisbee Branch and Bisbee-Lowell cut-off.
Lordsburg........Main Track, MP 1147.19 and MP 1151.38.
Clifton Branch, MP 1148.04.
Valedon Branch, MP 1148.38.
El Paso..........Track No. 1, MP 1291.54,
Track No. 2, MP 1319.87.
Alamogordo subdivision, MP 1300.54.
Alamogordo......Main Track, M. P. 1381.47 and MP 1385.06, including wye on Cloudcroft Branch.
Carrizozo........Main Track, MP 1438.22 and MP 1441.90,
Capitan Branch, MP 1441.00.

RULE 95. The number of sections of a schedule, if any, to be run out of El Paso Union Passenger Depot will be arranged by Chief Train Dispatcher and signals will be displayed to Anapra or to El Paso (Octavia Street) according to instructions.

RULE D-97. (A). Extra trains may leave El Paso Union Passenger Depot as directed by Chief Train Dispatcher.

RULE 98. RAILROAD CROSSINGS AT GRADE NOT INTERLOCKED:

Lowell:

Phelps Dodge Mining Co. narrow gauge track from Junction Shaft to Campbell Shaft crossings at following locations:

Fixed crossing on loading tracks 1 and 2 at tipple, Junction Shaft.

Movable crossing on track leading to Denn Mine 20 feet west of Naco Highway crossing.

Movable crossing on Campbell Shaft loading track 240 feet west of Naco Highway crossing.

Movable crossing on Campbell Shaft lumber spur 190 feet west of No. 1 loading track switch.

The movable type crossings are narrow gauge turn-back rails, normal position locked and clear of Southern Pacific tracks when not in use. See that turn-back rails are in normal position clear of S. P. tracks and crossing clear of obstructions before operating over crossing location. "STOP" signs are installed on each side of locations designated. Crews operating over tracks in these locations, protect against impaired side clearances, and stop before crossing these locations.

AT&SF Ry. at Colfax is protected with gate, normal position of which is located across AT&SF track. Approach this crossing with caution.

RULE 99. At Fairbank trains from Patagonia Branch must not occupy main track between N. M. & A. Jct. and station, except under protection of flag.

RULE 104. THE NORMAL POSITION OF SWITCHES AT THE END OF DOUBLE TRACK AND AT JUNCTIONS, WILL BE AS FOLLOWS:

Bisbee Jct. ......East leg of wye is main track of Bisbee Branch.
Corta............Junction switch is for Bisbee-Lowell cut-off via Warren.
Don Luis........East and west wye switches for Don Luis yard.
Valedon Branch..East end, MP 1147.75, for Oil Siding.
Anapra...........East end of west crossover and west end of east crossover, for main track Deming subdivision. These are hand-throw switches and will be handled by operator, Anapra.
West end west crossover, for Track 2. This is an oil buffer spring switch.
East end east crossover, for Track 2. This is an oil buffer spring switch.
Alamogordo Jct...Wye, Cloudcroft end, for east leg.
Toboggan........When cars are left on either end of switchback, lined and locked at east and west ends of switchback for westward trains.
Carrizozo Jct.....Wye, Capitan end, for west leg.
Pastura...........West switch of turnout from siding to Main Track, near water tank, is lined and locked for stock track.
Tucumcari.......Initial switch Dawson Branch, for stock track.

DERAILS MAIN TRACK

Benson Branch-	
Benson Jct.	284 ft. west of head block.
Patagonia Branch-	
Fairbank	260 ft. east of N. M. & A. Jct.
Tombstone Branch-	
Fairbank	300 ft. east of Junction switch.
Ft. Huachuca Branch-	
Lewis Springs	237 ft. east of Junction switch.
Bisbee Branch-Bisbee	225 ft. west of station.
Valedon Branch-	
Lordsburg	295 ft. east of Junction switch.
Cloudcroft Branch-	
Alamogordo Jct	East leg of Wye-427 ft. east of main track switch. West leg of Wye-192 ft. east of main track switch.
Cloudcroft	150 ft. west of west wye switch.
Russia	837 ft. west of west switch.
Capitan Branch-	
Carrizozo Jct.	West leg of Wye-283 ft. east of main track switch. East leg of Wye-160 ft. east of main track switch.
Dawson Branch-	
Dawson Yard	550 ft. west of west switch.

RULE 105. Following tracks are designated for use as sidings:

Lewis Springs	Siding located east of station on North side of main track.
Hereford	Siding located opposite station on North side of main track, extending eastward from turnout east of stock pen.
Naco	Siding located east of station on South side of main track.
Hachita	Siding is on South side of main track. East switch located 200 feet east of coal chute, west switch 200 feet west of wye switch.
Pastura	Siding located opposite station on South side of main track, extending westward from turnout. Initial switch located 400 feet east of station building.

RULE 206 (A). Regular trains will not be required to obtain clearance at the following stations:

Patagonia
Ft. Huachuca
Tombstone
Russia
Capitan

RULE 221. The light will not be displayed in train order signals at following stations except when train orders are to be delivered:

Curtiss
Mosquero
Duncan
Roy

RULE 221 (A). It is unnecessary for dispatchers to O. K. a clearance and operators to transmit the address and order numbers from clearance to the train dispatcher, unless requested to do so by train dispatcher, nor will they complete that portion of clearance reading:

"OK at________M________Chief Train Dispatcher," all provided that said orders affect movement of a train wholly within block system or signal dispatching limits.

If the orders affect movement, either wholly or in part, outside of the block system or signal dispatching limits, operators must repeat address and order numbers and obtain dispatcher's OK before the orders are delivered.

RULE 667. Boiler blow-off cocks on engines must not be opened while passing over steel bridges.

RULE 825. Outfit cars must not be left in front of warehouses, storehouses, lumber yards, or other buildings.

INSTRUCTIONS FOR SETTING HAND BRAKES AT:

El Paso, T&NO Freight Yard: Engine must not be cut off freight trains when train or part of train is left west of Octavia St. until five or more hand brakes have been set on east end of train, or that part left west of Octavia St.

Hand brakes on freight trains must be set with the assistance of a brake club after train has stopped. Any employee releasing any of these brakes, must set as many others to replace them.

On Cloudcroft Branch and Capitan Branch, cars must not be cut off while in motion or before hand brakes have been set.

RULE 831. The term "wooden frame outfit cars" includes wooden superstructure outfit cars with steel underframe.

RULE 836. If it can be avoided engines must not push trains between Bisbee Junction and Don Luis.

RULE 875. In general, highway crossing signals are so designed that they will not operate for trains or engines making a reverse movement after having passed over the crossing. Trains or engines making such reverse movements must protect the crossing unless it is known that signals are operating.

AUTOMATIC BLOCK SYSTEM

Tracks not protected by automatic block signals are located and described as follows:

EL PASO: (1) Pacific Lines Tracks Nos. 1 and 2 and T. & N. O. Tracks Nos. 1 and 2 and Pacific Lines main track (former E. P. & S. W. tracks) between interlocking home signals west of Interlocking Station, Tower No. 6, governing the movement of eastward trains, and interlocking home signals east of Interlocking station, Tower No. 47, governing the movement of westward trains.

(2) Tracks within the limits of the El Paso Union Passenger Depot Company's yard.

Signals displaying indication in both upper and lower quadrants are in service.

Upper Quadrant: Signal arm extended upward parallel to signal mast—"PROCEED."

RULE 509. A train or engine, when backing out of a siding or other track in block system limits, will, unless backed to clear block signal, proceed as if signal be in "Stop" position.

Track No. 1. When a block signal indicates "Stop" trains may proceed as follows:

Mescal to Tucson: Westward trains will be governed by Rule 509 applicable to double track. Eastward trains Tucson to Signal 10078, just east of east switch Empire, will have no block signal protection. From Signal 10078 to Mescal will be governed by Rule 509 applicable to single track.

Tower 6 to Anapra: Westward trains will be governed by Rule 509 applicable to double track. Eastward trains will be governed by Rule 509 applicable to single track.

Track No. 2. Anapra to Tower 6: Eastward trains will be governed by Rule 509 applicable to double track. Westward trains will be governed by Rule 509 applicable to single track.

Following block signals have included in their control limits special protective devices. When these signals indicate "Stop", careful inspection must be made of the track and/or structure, as indicated below, and it must be known that they are safe for passage of trains before proceeding:

South Line

Signal 13174, Anapra, oil buffer spring switch.

East Line

Signals 14786 and 14805, Arch 1479.90.
Signals 15836 and 15843, Cuervo Bridge 1584.00 and approaches.

OIL BUFFER SPRING SWITCHES

When a block signal in advance of a facing point oil buffer spring switch indicates "STOP", careful examination of switch must be made before passing over it. When making trailing point movement and train is stopped on switches, a reverse movement must not be made, nor the slack taken until the switch has been thrown by hand. When movement has been completed through switch, reverse movement must not be made until point closes.

Running switches are prohibited and sand, blow-off cocks and injectors must not be used nor boosters started, while passing over these switches.

Switches are located as follows and speed indicated must not be exceeded when passing over such switches:

	MPH
Anapra:	
East switch of east crossover:	
Trailing Eastward	25
Facing Westward	35
West switch of west crossover:	
Facing Eastward	35
Trailing Westward	25
El Paso:	
East end of ice house track:	
Trailing Eastward	25
Facing Westward	15

RULE 511. Within block signal limits after switches of a crossover are thrown wait three minutes before crossing over unless block signals protecting the movement can be seen to be in stop position not less than one-half mile distant.

RULES 512 and 512 (A). Switch indicators and dwarf signals located:

Douglas, East yard entrance switch.
Lordsburg, Valedon Branch Switch.
Alamogordo, East and West legs of wye.
Carrizozo, East leg of wye.

When switch indicator shows block clear, derail and switch may be lined for movement to main track. Signal is normally dark, but when derail is lined, signal will light and indicate "Stop." When derail and switch are both lined and block is clear, signal will indicate "Proceed." When switch indicator shows block occupied derail only may be lined. After waiting two minutes switch may be lined. If signal indicates "Stop" after switch and derail have been lined, train will proceed as prescribed by Rule 509.

At Pastura double switch indicator has been located near derail at east end of stock track and will display clear indication if there be no train occupying block. When derail is set for movement out of east end of stock track, these indicators will assume "Stop" position and remain in that position until east main track switch to stock track has been opened. If there be no train occupying block, indicators will then display a clear indication. Trains and engines using east stock track switch must not pass derail until main track switch has been thrown, or when switch indicators display "Stop" indication, except when protected as provided by Rule 99.

At Lordsburg "Take Siding" indicators installed at east and west ends of yard. These indicators, controlled by Terminal Trainmasters only, are located on mast of Signal 11495, east of Lordsburg, and on mast of Signal 11470, west of Lordsburg, to govern movement of trains at Lordsburg according to Rules 705, 706, 707 and 708.

RULE 516. Overlap posts are located at:

Bowen: 292 feet west of block signal 13194, eastward trains.
18 feet west of block signal 13188, westward trains, track No. 2.

INTERLOCKING

Mescal: Interlocking signals of Rio Grande Division will display indication in upper quadrant. The beginning of Tucson Division single track is at east switch of west crossover. Beginning of Rio Grande Division single track is at east switch of east crossover. Beginning of track 1 of double track is at west end of west crossover.

Limits are between home signals governing east switch of east crossover and west switch of west crossover of the Rio Grande Division, and home signals governing east switches and west switches of sidings of the Tucson Division. Switches are controlled by signal operator, except switch leading from north siding to water and outfit spurs from south siding to both legs of wye and to west end of coal track.

Switch and derail east end coal track are hand-thrown but must not be used until permission is secured from signal operator.

Where hand signals, as prescribed by Rule 628, cannot be seen, trains stopped will call the signal operator and secure permission to proceed; also to throw switches by hand in the event the remote control appliance is inoperative.

Whistle signals as follows:

Eastward trains enroute Tucson Division—two short, one long and two short.

Eastward trains enroute Rio Grande Division—one long and four short.

Eastward trains for south siding—one short, one long and one short.

Eastward trains south siding to Tucson Division—two short, one long and one short.

Eastward trains south siding to Rio Grande Division—one short, one long and two short.

Westward trains north siding to No. 1 track—two long and two short.

Westward trains Tucson Division enroute No. 1 track—one short and two long.

Westward trains Tucson Division enroute north siding—two short and two long.

Westward Rio Grande Division trains enroute No. 1 track—one long, one short and one long.

Westward trains from Rio Grande Division through east crossover and Tucson Division to No. 1 track—one short, two long and one short.

EL PASO — TOWER 6:

(NOTE: Eastward trains: At switch leading to Union Passenger Depot yard, upper arm on signal mast governs route to Union Passenger Depot tracks. Lower arm governs route to T&NO or Pacific Lines freight yard.)

Whistle signals as follows:

Main track movements in either direction with current of traffic—one long.

Main track movements between Pacific Lines No. 2 Track and T. &. N. O. double track in either direction—one short, one long and one short.

Other main track movements in either direction against current of traffic—one short and two long.

T. & N. O. Union Depot connection, from any direction—one long, two short and one long.

Pacific Lines Union Depot connection, from any direction—one long, one short and one long.

EL PASO — TOWER 47:

Whistle signals as follows:

Main track movements in either direction with current of traffic—one long.

Main track movements in either direction against current of traffic—one short and two long.

North lead, Eastward—one long, one short, one long and one short.

North lead, Westward—one long, one short and one long.
South lead, Eastward—one short, two long and one short.
South lead, Westward—two short and two long.
To T. & P. main track—two short, one long and one short.
Westward to west yard—one short, one long and two short.
To East Yard—two long and two short.
Eastward to West Yard—one short, one long and one short.

To Alamogordo Subdivision from T. & N. O. Yard—one long, two short and one long.

From West Yard to Alamogordo Subdivision—three long and one short.

From Alamogordo Subdivision to T. &. N. O. Yard—one long.

From Alamogordo Subdivision to West Yard—two short, two long and one short.

S. P. Shop Lead Eastward from any point—two short, two long and two short.

S. P. Shop Lead Westward from any point—two short, one long and two short.

S. P. Roundhouse Lead Eastward—one short, two long and two short.

S. P. Roundhouse Lead Westward—two short, two long and one short.

Switch west end of ice house crossover is a remote control and operated by signal operator from Tower 6. In event remote control appliance is inoperative, trains stopped will call signal operator by telephone and secure permission to throw switch by hand. Instructions for operating the switch by hand, when so authorized by signal operator, are located in telephone booth.

Switches just east of El Paso Union Passenger Depot yard governing movements into and out of Union Passenger Depot tracks and crossover movements from westward and eastward main tracks Nos. 1 and 2, are operated from Tower 6. Interlocking Signals and Rules govern movements over these switches.

When signals are not cleared or the switch is not set for the route required, communicate with the signal operator at Tower 6 by telephone located in box on westward signal mast at Santa Fe Street, on signal mast near east lead Union Passenger Depot or on iron fence Union Passenger Depot. Instructions for operating the switch by hand, when so authorized by the signal operator, are located in telephone boxes.

When necessary for a yard engine to use a route that has been lined for an approaching passenger train, the signal operator must immediately be so advised by telephone, in order that he may restore the route and clear signals for the passenger train.

The foreman in charge of switching passenger equipment at east end of Union Passenger Depot yard will advise signal operator by telephone when ready to start switching over Union Passenger Depot connection, and signal operator will set this switch and clear signal, leaving same in that position until foreman advises switching has been completed.

Conductors of eastward passenger trains advise signal operator by telephone, located in box on Union Depot fence, when train is ready to leave.

Within the limits of El Paso Union Passenger Depot Company's yard, employes are subject to Rules and Regulations of that Company.

TRAIN AND AIR INSPECTION

On freight trains, when conditions are favorable and in the judgment of conductor and engineer it is safe to do so, run may be made without stopping for inspection from one water stop to the next water stop except that a distance of sixty (60) miles must not be exceeded between inspections, and except freight trains may operate between Ancho and Vaughn, a distance of 61.9 miles.

Inspection must be made at any intermediate stop.

Freight trains on descending grade must stop at least five minutes for inspection at:

Vail
Campstone
Medio
Campana
High Rolls
La Luz
Walnut

The same inspection as is required of freight trains will be made of engines running light, descending grades of 1½ per cent or over.

AIR BRAKE RULE 2. Enginemen when leaving roundhouse will make running air test, to ascertain if brakes are in operative condition.

AIR BRAKE RULE 4. Westward trains between Mosquero and Campana, and on the Capitan and Cloudcroft Branches must use 90 pounds brake pipe pressure.

AIR BRAKE RULE 11. Air brake inspection at points where no car inspectors are on duty, and motive power and/or engine crew or train crew is changed on a freight train, shall be made as follows:

After train is made up and engine attached, engineer will apply brakes with 20 pound service reduction and leave them applied. Trainmen will then pass along train to determine that brake is applied on each car. Numbers of any cars found with inoperative air brakes must be reported on form 2809 and such cars assembled and switched to rear of train, next ahead of caboose, before leaving that station. After this inspection has been made, brakes have been released, and trainmen have noted that normal brake pipe pressure has been restored as indicated on caboose gauge, and have given signal to engineer, latter must comply with last part of Rule 11 to avoid brakes sticking from an overcharge of the brake system, etc.

If necessary to switch any cars to rear account brakes being inoperative, Rule 17 must be complied with before departure.

Rule 34 must be observed to determine by rolling inspection that each brake releases properly.

AIR BRAKE RULE 13.

At lay-over points for passenger equipment, where there are no car inspectors, crews must make air brake test before starting on initial trip, as follows: Brake pipe must be fully charged, engineer then apply air brake; trainmen must examine each car to see whether all brakes are applied. If all brakes apply, trainmen must give Signal 16 (e) from rear car, examine each car in train to see that all brakes release, and report condition to the engineer.

AIR BRAKE RULE 16.

Running air brake test shall be made:
M. P. 1488.85—Eastward and westward passenger trains.
Cabeza—Westward passenger trains.

AIR BRAKE RULE 17.

Rear end air brake test shall be made by freight and mixed trains immediately before leaving:

Sonoita.
Tombstone—Westward.
Ft. Huachuca—Westward.
South Siding.
Highrolls—Westward.
Cloudcroft—Westward.
Russia—Westward.
Walnut—Westward.
Indian Divide—Westward.
Medio—Westward.
Cabeza—Westward.
Mosquero—Westward.

AIR BRAKE RULE 56.

Passenger Trains

Retainer line must be coupled up and in use throughout entire train from Russia to Alamogordo.

Indian Divide to Walnut—All retainers.
Cabeza to Campana—All retainers.

Freight and Mixed Trains

Speed of freight trains will be reduced at points where trainmen are required to handle retainers.

Where retainers are used, speed of freight trains on any grade of over one per cent will not exceed 25 M. P. H., and on grades of this character, more than five miles long, for the first five miles the time consumed in traveling any one mile shall not be less than three minutes. This will not be authority to exceed specified speed restrictions.

Conductor and engineer after consulting may use necessary retainers on train of less than 100Ms per operative brake, when such train has loads on head end, or when it is necessary to adjust slack.

Ore trains between Don Luis and Douglas, handled by engines equipped with cross compound air compressor, will use fifty per cent of retainers Don Luis to Bisbee Junction. Trains, handled by engines not equipped with cross compound air compressor, will use all retainers Don Luis to Bisbee Junction and fifty per cent of retainers Bisbee Junction to Forrest.

Sufficient retainers will be used on Westward trains between Planeport and El Paso to adjust slack.

Russia to Alamogordo—Retainer line must be coupled up and in use throughout entire train.
Indian Divide to Walnut—Westward trains all retainers.
Cabeza to Campana—Westward trains all retainers.

When all retainers are not used, the required number shall be turned up solid on the head end of train.

The tonnage of freight or mixed trains between Russia and La Luz must not exceed 80Ms per operative brake, between Indian Divide and Walnut 120Ms per operative brake, and between Cabeza and Campana 160Ms per operative brake.

Fort Huachuca: Air brakes must be used in handling cars on elevated trestle.

Naco: Air brakes must be used when switching Naco pumping plant.

Forrest: Air brakes must be used on all cars in switching Paul's Spur.

Tucumcari: Air brakes must be used when switching pumphouse.

Dawson: Air brakes must be used on all cars moved from loading tipples to train yard and on cars moved from train yard to storage yards above tipples.

MISCELLANEOUS

1. In all cases where it is necessary to make a short move to reach water or fuel, including that required to spot second engine of doubleheader, engines of heavy freight trains must be cut off before spotting.

Westward trains must have sufficient water to make Tucson before passing last water tank east of Mescal, and not take water at Marsh or Rita except in emergency; then only enough to make Tucson.

Avoid taking water at the following emergency water stations:

Whetstone
Hereford
Apache
Hermanas
Mt. Riley
Akela
Strauss
Newman
Oscura
Montoya

If necessary to take water, take only enough to make next water station.

Engines going to Don Luis must take full tank of water at Bisbee Junction.

Eastward trains take water at Guthrie; westward trains take only enough water at Clifton to reach Guthrie.

If necessary for eastward freight trains to take water between Vaughn and Tucumcari, take full tank at Pastura.

Eastward freight trains take full tank of water at Cuervo.

Promptly report to Chief Train Dispatcher any leak observed in water service pipeline between Carrizozo and Pastura.

At Cabeza take full tender of coal. If necessary to take coal at Taylor, engineer promptly advise amount taken and necessity for so doing.

Ash pans must be kept closed on coal burning engines while running. Dump cinders only at water columns or coaling stations, except in emergency. When dumped, enginemen must thoroughly wet and know that fire is extinguished, except where cindermen are on duty. If dumped where ties are exposed, must be shovelled from track, and must not be dumped close to coal chutes constructed of wood.

Cinders must not be dumped on switches or frogs.

4. One helper may be placed behind caboose if of steel underframe construction and cars ahead of caboose are not rear end cars; otherwise cut in ahead of twenty-five per cent of tonnage, or more if necessary to cut in ahead of all rear end cars; or if in opinion of conductor conditions are favorable helpers may be put on head end of train.

In no case will more than one helper engine be placed behind steel underframe caboose.

Helper must not couple to, or uncouple from train, while train is in motion.

When more than one engine is used on a train over Bridge 1205.01, over Gila River, at Guthrie, on Clifton Branch, engines must be spaced at least five car lengths apart.

When more than one engine is used on a train over bridges 1638.93 and 1740.80, Dawson Branch, engines must be spaced at least five car lengths apart or run single over these bridges.

4. (a) Pushing trains out of yards:

No engine will be placed behind a wooden underframe caboose or other wooden frame equipment.

Air will not be coupled through the pusher engine.

In no case shall the knuckle be removed, or closed, or cutting lever temporarily fastened in release position on a pusher engine, as means of preventing coupling being made.

Unless local conditions require, it will not be necessary to stop trains to detach pusher engines.

In no case will more than one pusher engine be placed behind steel underframe cabooses.

6. When necessary to turn at Toboggan, enter West leg of wye.

7. Within third rail territory of Clifton District, P. D. Co. trains must move with caution and be protected against Southern Pacific trains.

8. At points where engine is to be changed or cars set out or picked up on passenger trains, rear brakeman will open steam valve on rear of train at station one mile board and enginemen will shut off the steam one-half mile from station.

9. When openings have been made at highway crossings by trains on main track or siding, traffic must be protected against trains on other tracks.

When coupling to cars near a street or highway crossing not protected, a member of crew must protect street or highway traffic.

In performing work at stations, engines or cars must not stand on crossings.

Naco—Opening of five car lengths must be left each side of crossing east of passenger station.

Movements must be preceded by flagman over crossings at:

Curtiss... Apache Powder Co. plant.

Bisbee.... In vicinity of switchback near Phelps Dodge machine shop.

Calumet.. Phelps Dodge Smelter.
Nos. 1 and 2 tracks.—No. 5 near office.—Lead to acid loading plant.—Lead to Calcine track.

Douglas.. Queen Track—All crossings.—Nacozari Lead—Park crossing, 14th Street.—16th Street (when crossing bell is inoperative).

El Paso.. River Track:
Dallas Street—Magoffin Avenue—Texas Street—East San Antonio Street—Myrtle Avenue—Bassett Avenue —T&P Crossing near Foundry.
EP&NE Lead, East Yard:
Any movement Westward.
Movements to and from T&P via wye connection at Cotton Avenue.
Dallas Street via Tower 47.
All crossings North Campbell Street to West Main Street, inclusive, in case traffic light signals fail.
If trains or engines are stopped and block street crossings, promptly communicate with Yardmaster.

Flashing light type crossing warning signals, operated by trains on main track No. 2, installed at Globe Mills crossing, El Paso, M.P. 1322.25. These signals not connected to Globe Mills siding or house track, and when using these two tracks, protect crossing with flagman.

10. Engines heavier than those shown herein will not be permitted to operate on following lines or tracks:

Benson-Fairbank Branch	C- 9

Patagonia Branch: E class with not more than 70,000 lbs. on drivers, T and Mogul class with not more than 100,000 lbs. on drivers, except T-1 class with not more than 112,000 lbs. on drivers may be used not to exceed 10 miles per hour over bridges 1051.96, 1055.29, 1067.41, 1085.15, 1097.49, 1097.95 TW and Consolidation class with not more than 125,000 lbs. on drivers.

Tombstone Branch	C- 9
Tombstone, Schuster Siding	TW
Lewis Springs, West leg of wye	C
Huachuca Branch	C- 9
Bisbee Branch:	
Don Luis-Bisbee	C- 9
Warren-Bisbee	C- 9
Holbrook Lumber Tracks	C-18
Shattuck Spur Tracks	C- 9
Gardner Mill Spur	C- 9
Briggs Spur Tracks	C- 9
Czar Loading Spur	C- 9
Oliver Mine Track	C- 9
Calumet, Trestle Work of tracks serving ore bins, Phelps Dodge Smelter	C-19
Douglas:	
Government Spur	C- 9
Brewery Tracks	C- 9
Gypsum Plant Tracks	C- 9
Clifton Branch	MK-2-4
Valedon Branch	MK-2-4
Lordsburg, House and Transfer Tracks A. & N. M. Yard	C
Cloudcroft Branch	C-17
Capitan Branch	C-17
Tucumcari:	
Dawson Yard, including wye	C-19
Repair Tracks	C-19
Water Spur	C-19
Peco Spur	C-19
Coal Storage Tracks	C-19
Dawson Branch	MK- 9
Dawson:	
Spur to Phelps Dodge Merc. Co.	C-19
New Main Track beyond "Tipple" derail	C-19

Patagonia Branch: Cars weighing more than 169,000 lbs. gross must not be handled between N. M. & A. Jct. and Flux.

Tombstone Branch: Tombstone, Bunker Hill tracks must not be used beyond points indicated by signs: "Limit of Train Operation—End of Maintenance."

Bisbee Branch:
Campbell Shaft Track and Denn Spur Track must not be used beyond points indicated by signs: "Limit of Southern Pacific switching operations."

Lowell: Shop Spur in Junction Mine Yard, Engines must not pass sign reading: "Engines Must Not Pass This Point."
Engines must not be moved over coal hopper on coal track spur Bisbee Jct., Rodeo and Hachita, or coal track, Columbus.

Clifton Branch: Tunnels between Milepost 1212.1 and 1214.5 are numbered 1 to 6, commencing at Clifton. Approach Tunnel 6 with caution.

Strauss: Engines must not use curved portion of either leg of wye tracks, except engines may use that part of west leg of wye to pick up or spot cars at unloading box west of pumphouse.

El Paso: Old T. & N. O. eastward main track must not be used between ice house crossover and turnout to westward main track No. 1 near Rio Grande River Bridge.
East leg of Pacific Lines wye connecting Alamogordo Subdivision main track with roundhouse lead at El Paso cannot be used by engines with more than 11-foot rigid wheel base.

Alamogordo:	
Breece Lumber Co. lead	C- 9
Wood Spur (track No. 119) connected into Tie Treating Plant lead (track No. 111) with switch on North side of log pond	C-17

Cloudcroft Branch: All cars handled between Alamogordo Jct. and Russia must be equipped with independent retainer line; have 3 inches of lateral in end sills on each side of coupler shank; equipped with inside connected brakes, and hand brakes in working condition. Air and hand brakes must work together. Cars more than 42 feet in length outside measurement or 14 feet 6 inches in height from top of rail, or equipped with trucks having more than four wheels, cannot be handled between La Luz and Russia.

Hotel: Engines may use Southwest Lumber Company's track, which extends east out of Cloudcroft Branch at M.P. 1409.5, for distance of 1450 feet from initial switch, also the siding within these limits. End of Southern Pacific operation over this track designated by sign reading: "End of S. P. Operation."

A. A. R. ruling must be observed covering height of loads in open top cars.

Capitan Branch: All cars handled between Carrizozo Jct. and Capitan must have 3 inches of lateral in end sills on each side of coupler shank, equipped with inside connected brakes, and hand brakes in working condition. Air and hand brakes must work together. Cars more than 60 feet in length outside measurement or with trucks having more than four wheels, will not be handled.

Hawks: Engines must not use New Mexico Construction Company's industry track beyond sign reading: "Engines do not pass this point"; or on siding beyond sign reading: "Railroad employes must not move engines through this switch."

Reduce speed and look out for fallen rocks on curve between Mile Posts 1053.5 and 1053.8, west of Charleston.

Look out for drifted sand between Columbus and Rio Grande Tunnel.

Reduce speed and look out for caving banks both approaches Rio Grande Tunnel.

Look out for drifted sand between Deming and Anapra, Planeport and Alvarado, Turquoise and Paxton, and switches at Temporal and Robsart; and for fallen rocks and trees during or after rains or thaws between Arabella and Pintado, and Santa Rosa and Hawks.

Look out for fallen rocks and trees between La Luz and Russia, and between Walnut and Coalora.

Dawson Branch:
Look out for drifted sand between Tucumcari and Canadian and between Abbott and Colfax, and fallen rocks and trees between Canadian and Cabeza.

Westward trains from Cabeza to Campana must not handle more than 40 freight cars in one train and must not follow each other closer than fifteen minutes.

11. Tracks between Tucson and Mescal numbered and will be used as follows:

No. 1, Westward Trains.
No. 2, Eastward Trains. (See Tucson Division time table.)

Tracks between Anapra and El Paso (Octavia St.) numbered and will be used as follows:

No. 1, (Octavia St. Pacific Lines) Westward Trains.
No. 2, Eastward Trains (Octavia St. T&NO Yard.)

Eastward trains may detour through ice house crossover to Tower 6, then to El Paso Union Passenger Depot or to (Octavia St.) T&NO Yard.

Westward trains departing El Paso Union Passenger Depot will reach track No. 1 through interlocking plant Tower 6.

Eastward trains arriving may reach El Paso Union Passenger Depot through interlocking plant Tower 6.

Tracks between Tower 6 and Tower 47 identified and numbered, and will be used jointly by trains of the T&NO and Pacific Lines, as follows:

T&NO No. 1, (North Track) Tower 47 to El Paso Union Passenger Depot connection or Tower 6, Westward Trains.

T&NO No. 2, (South Track) Tower 6 or El Paso Union Passenger Depot connection to Tower 47, Eastward Trains.

14. Passenger engineers will make additional water stops to use sprinklers properly in dusty territory, where engines clean fires, or where track has been disturbed.

SPECIAL INSTRUCTIONS

SPEED RESTRICTIONS

Maximum speed of any passenger train must not exceed 50 miles per hour except as otherwise provided for.
Maximum speed of any freight or mixed train must not exceed 35 miles per hour except as otherwise provided for.
Speed Restrictions in Miles Per Hour, Will Apply as Follows:

		PASSENGER				FREIGHT			LIGHT ENGINES RUNNING FORWARD		
Page No.	BETWEEN	Maximum	With TW MK 2, 4 MK 10 Engines	With M T 1, 2, 8, 9, 23, 28, 31, 36, 57, 58, MK 5, 6, 7, 8, 9 Engines	With SP 1, 2, 3 F 1, 3, 4, 5, 6 C 2 to 10, Inc. C 18 to 29, Inc. Engines	Freight and Mixed Maximum	Engines and Motors Backing	Switch Engines S-SE Type	M T 1, 2, 8, 9, 23, 28, 31, 36, 57, 58 C 2 to 10, Inc. C 18 to 29, Inc. MK 5, 6, 7, 8, 9 F 1, 3, 4, 5, 6 SP 1, 2, 3	C 12, 15, 17 TW MK 2, 4, 10	A E GS 1 MT 1, 2, 3, 4, 5 P T 26, 32, 37, 40
	Through Crossovers and Turnouts	15	15	15	15	15	10	15	15	15	15
2	Tucson-Mescal	50	40	50	45	35	20	20	35	30	35
2	Mescal Interlocking Limits, when using normal route	35	35	35	35	25	15	15	25	25	25
2	Seven degree curve M. P. 1053.6	30	30	30	25	25	20	20	25	25	25
2, 3	Mescal-Perilla	50	40	50	45	35	20	20	35	30	35
2, 3	Douglas, over 16th St. Crossing	10	10	10	10	10	10	10	10	10	10
3	Perilla-Mastodon, except:	60	40	50	45	40	20	20	35	30	40
3	Curves not otherwise restricted	50	------	------	------	35	20	20	35	30	35
3	Rodeo, over road crossing just west of station	30	30	30	30	20	10	10	20	20	20
3	Columbus, over road crossing just west of station	30	30	30	30	20	10	10	20	20	20
3	Mastodon-Anapra	50	40	50	45	35	20	20	35	30	35
4	Lordsburg-Lisbon	60	40	50	45	40	20	20	35	30	40
4	Lisbon-Dona	65	40	50	45	40	20	20	35	30	40
4	Dona-Lanark	60	40	50	45	40	20	20	35	30	40
4	Lanark-Strauss	65	40	50	45	40	20	20	35	30	40
4	Strauss-Anapra	45	40	45	45	35	20	20	35	30	35
4	Anapra-El Paso	50	40	50	45	35	20	20	35	30	35
4	Tower 6—El Paso Union Passenger Depot	10	10	10	10	10	10	10	10	10	10
5	El Paso-Ft. Bliss	60	40	50	45	40	20	20	35	30	40
5	Interlocking Limits Tower 47, El Paso	10	10	10	10	10	10	10	10	10	10
5	Ft. Bliss-Dunes	65	40	50	45	40	20	20	35	30	40
5	Orogrande, over wye	10	10	10	10	10	10	10	10	10	10
5	Dunes-Alamogordo Jct.	60	40	50	45	40	20	20	35	30	40
5	Alamogordo Jct.-Three Rivers	65	40	50	45	40	20	20	35	30	40
5	Three Rivers-Carrizozo	60	40	50	45	40	20	20	35	30	40
6	Carrizozo-Tucumcari, except:	60	40	50	45	40	20	20	35	30	40
6	Curves not otherwise restricted	50	------	------	------	35	20	20	35	30	35
6	Corona, over wye	5	5	5	5	5	5	5	5	5	5
6	Pintado Canyon Bridge 1561.65	35	35	35	35	35	20	20	30	30	30
6	Fairbank-Flux	20	------	------		20	15	15		20	------
6	Tucumcari-Campana	35	35	35	35	30	20	20	30	30	30
6	Campana-Cabeza (Eastward)	20	20	20	20	20	20	20	20	20	20
6	Cabeza-Campana (Westward)	15	15	15	15	15	15	15	15	15	15
6	Cabeza-Dawson	35	35	35	35	30	20	20	30	30	30
6	Dawson, over wye	10	10	10	10	10	10	10	10	10	10
6	Dawson, over road crossing, east of station	4	4	4	4	4	4	4	4	4	4
6	Dawson Branch, over Bridges 1631.50, 1638.93, 1644.15, 1647.81, 1648.57 and 1740.80, MK Engines	15									
7	Benson Jct.-Benson	20	------	------	------	20	15	15	------	20	------
7	Tombstone-Fairbank	20	------	------	------	20	15	15	------	20	------
7	Fort Huachuca-Lewis Springs	25	------	------	25	25	20	15	25	25	------
7	Bisbee Jct., over wye	10	10	10	10	10	10	10	10	10	10
7	Bisbee Jct.-Corta	25	25	25	25	20	20	15	20	20	20
7	Corta-Bisbee via Don Luis or Lowell	25	25	25	25	20	15	15	20	20	20
7	Don Luis, over wye	6	6	6	6	6	6	6	6	6	6
7	Oil Siding-Valedon	15	------	------	15	15	15	15	15	15	------
7	Lordsburg-Franklin	30	------	------	30	30	20	15	------	30	------
7	Franklin-Duncan	25	------	------	25	25	20	15	------	25	------
7	Duncan-M. P. 1202.5	30	------	------	25	25	15	15	------	25	------
7	M. P. 1202.5-Smelter	20	------	------	20	20	15	15	------	20	------
7	Smelter-Clifton	15	------	------	15	15	15	15	------	15	------
7	Curve on Gila River Bridge 1205.01	10	10	10	10	10	10	10	10	10	10
7	Clifton, over crossings	5	------	------	5	5	5	5	------	5	------
8	Alamogordo Jct., over wye	10	10	10	10	10	10	10	10	10	10
8	Alamogordo-La Luz	20	------	------	------	20	20	20	------	20	------
8	La Luz-Russia	12	------	------	------	12	12	12	------	12	------
8	Carrizozo Jct., over wye	10	10	10	10	10	10	10	10	10	10
8	Carrizozo-M. P. 1450, Capitan Branch	20	------	------	------	20	20	20	------	20	------
8	M. P. 1450, Capitan Branch-Capitan	12	------	------	------	12	12	12	------	12	------

MOUNTAIN TYPE "Mt" AND PACIFIC TYPE "P" ENGINES IN PASSENGER SERVICE MAY MAKE MAXIMUM SPEED

SPEED OF TRAINS REGULATED BY ORDINANCE THROUGH CITY LIMITS

PAGE	LOCATION	M. P. H.
4	Deming	8
4, 5	El Paso, over all street crossings except	
	North Campbell to West Main Streets, inclusive	10
	North Campbell to West Main Streets, inclusive	15

El Paso: Trains must approach junction switches of icehouse crossover with caution.

Trains entering or leaving El Paso Union Passenger Depot will do so with caution.

Westward trains and yard engines on Pacific Lines Tracks Nos. 1 and 2 must not exceed speed of 6 miles per hour over North Campbell Street.

Speed restrictions for engines are shown in speed restriction table; however, following are maximum speeds at which tenders may be operated, subject to restrictions imposed locally:

Description	Maximum Speed
Having water capacity 7,000 gals. or less, except Classes 70-R-1 and 70-SC-1	50 MPH
Having water capacity in excess of 7,000 gals. and including Classes 70-R-1 and 70-SC-1	Same as Engine Speeds

Engines operated coupled tender to tender must not exceed speed permitted engines running backward.

Maximum speed of disabled engines hauled in train, or running under own steam, must not exceed:

When pilot removed	20 M. P. H.
When main rod only removed	30 M. P. H.
When side rods only removed	30 M. P. H.
When both main and side rods removed	20 M. P. H.
When hauled in train and all rods are on	30 M. P. H.
SP 1, 2 and 3 when inside main rod removed	30 M. P. H.
S and SE engines, and all other classes of engines when not equipped with engine trucks	20 M. P. H.

When any weight has been removed from any one pair drivers on an engine, speed must not exceed 20 M. P. H.

When any weight has been removed from one wheel of any pair drivers on an engine, speed must not exceed 30 M. P. H.

Yard engines in service must not exceed 20 miles per hour.

Maximum speed moving cars ahead of engine, 20 miles per hour.

Trains handling loaded ore cars between Bisbee Jct. and Calumet must not exceed 25 miles per hour.

Trains handling relief outfit with steam derrick must not exceed 25 miles per hour.

Trains handling piledrivers, locomotive cranes, or industrial cranes, with boom in place, must not exceed 25 miles per hour on straight track or 15 miles per hour around curves of 4 degrees or over.

Trains handling rotary snow plows must not exceed 15 miles per hour.

Cars moved in passenger trains must be equipped with steel-tired or all-steel wheels.

Wooden passenger-carrying cars, wooden baggage, express, and other head-end cars, unless equipped with steel center sills and steel platforms, must not be used in passenger service except on authority of Superintendent.

Speed of trains handling such cars must be restricted as follows:

When consist includes not more than three wooden passenger-carrying cars, maximum speed must not exceed 50 miles per hour.

When consist includes more than three wooden passenger-carrying cars, maximum speed must not exceed 40 miles per hour.

If consist of train includes both wooden and steel passenger-carrying cars, the wooden cars must be kept together and handled on the rear.

SPECIAL INSTRUCTIONS

20. Handling of freight cars in trains behind passenger cars carrying passengers prohibited.

Baggage, express, mail, refrigerators or other head end cars must not be handled on rear of passenger trains unless trainmen can pass through them.

The term "freight car" does not include a baggage, express or mail car, or a caboose.

Club cars handled in head end of main line passenger trains must be of all steel construction.

Passenger equipment, (except official cars) moved in freight trains, must be placed next to caboose if rear end freight cars in train will permit.

25. Electric lanterns may be used for displaying white light only.

28. Bus connection is provided at Bisbee Jct. and conductors will ascertain if bus has arrived or secure instructions if they are to wait.

LOCATION OF OVERHEAD AND SIDE STRUCTURES NOT STANDARD CLEARANCE

Employes are warned that it is dangerous to stand erect on top of cars, or to ride on sides of cars while passing these points, and that they must protect themselves from injury.

Bulletins may be issued from time to time referring to impaired clearances not listed below.

RITA-EL PASO

Mile Post	AT OR NEAR	DESCRIPTION
997.8	Rita	Water Crane, Main and Siding....Side
1012.9	Marsh	Water Crane, Main and Siding....Side
1028.6	Whetstone	Water Crane, Main and Siding....Side

BENSON-FAIRBANK BRANCH

Mile Post	AT OR NEAR	DESCRIPTION
1039.8	Curtiss	Warehouse Platform, Apache Powder Co. Tracks....Side
		Coal Grinder House, Apache Powder Co. Tracks....Side
		Soda House, Apache Powder Co. Tracks....Side

PATAGONIA BRANCH

Mile Post	AT OR NEAR	DESCRIPTION
1051.9	Fairbank	Bridge over San Pedro River....Over
1055.3		Bridge over Babacomari Creek....Over
1067.4		Bridge over Babacomari Creek....Over
1073.8	Elgin	Water Tank Spout....Over and Side
1048.2	Fairbank	Water Crane, Main and Siding....Side
		Oil Crane, Tombstone Main....Side
1058.8	Lewis Springs	Water Tank Spout, Main Track....Side

FORT HUACHUCA BRANCH

Mile Post	AT OR NEAR	DESCRIPTION
1072.0	Ft. Huachuca	Freight Platform, Main and House Tracks....Side
		Government Structures, Oat Bin Platform and Coal Bin, Main Track....Side
		Repair Shop, Tool House, and Warehouse Platform, Commissary Track....Side
1069.0	Hereford	Water Crane, Main and Siding....Side
1080.9	Naco	Freight Platform, Spur Track to Naco, Mex....Side
1085.0	Bisbee Jct.	Water Crane, Main and Siding....Side
		Coal Chute, Main and Coal Track....Side
		Old Pump House, Coal Track....Side

BISBEE BRANCH

Mile Post	AT OR NEAR	DESCRIPTION
1088.3	Corta	Impaired Clearances—both overhead and side, in the form of buildings, bins, platforms, fences, telephone or power poles, overhead telephone or power wires, exist on all tracks on the Bisbee Branch east of Corta, on both the Corta to Warren to Bisbee and Corta to Don Luis to Bisbee Lines.
1092.9	Bisbee	
1089.0	Crook Tunnel	....Overhead and Side
1096.9	Forrest	Water Crane, Main and Siding....Side
		Loading Bin, Paul Spur....Over and Side
1107.0	Douglas	Buildings and Platforms, All Industry Tracks....Side
		Water Crane, Main and Siding....Side
		Freight Station Platform, Nacozari Main....Side
1121.1	Cazador	Water Tank and Spout....Over and Side
1147.1	Apache	Water Tank and Spout....Over and Side
1158.7	Rodeo	Coal Chute, Main and Coal Track....Side
		Water Tank and Spout....Over and Side
1181.4	Antelope	Water Tank and Spout....Over and Side
1206.3	Hachita	Coal Chute and Water Tank Spouts, Main and Coal Track....Side
1230.9	Hermanas	Water Tank Spout, Main Track....Side
1250.3	Columbus	Coal Chute, Main and Coal Track....Side
1285.6	Mt. Riley	Water Crane, Main....Side
1299.0	Noria	Coal Bin, Stock Track....Side
		Water Crane, Main and Siding....Side
1319.5	Rio Grande Tunnel	....Over and Side
1321.3	Overhead Bridge	T&NO Smelter Spur....Over and Side

Mile Post	AT OR NEAR	DESCRIPTION
1295.9	El Paso	Buildings and Platforms, Globe Mills Tracks....Over and Side
		Building and Platform, Neff-Stiles Spur....Side
		Building, K. Z. & M. Spur....Side
		Fence, west side Stanton St.....Side
	El Paso Pacific Lines Yard	Freight Station Platform, North House Track....Side
		Auto Unloading Platform, Auto Track....Side
		Rock Loading Chute, Dudley & Orr Spur....Over and Side
		Coal Bins, So. West Fuel Co Spur....Side
1295.9	El Paso Shop Yard	Retaining Wall, Depressed Cinder Track....Side
		Coal Chute, Coaling Tracks....Side
		Coal Chute, Hopper Track....Over and Side
		Store House Platform, House Tracks....Side
	El Paso	Impaired Clearances—both overhead and side, in the form of buildings, bins, platforms, fences, telephone or power poles, overhead telephone or power or high power trolley wires, exist on all tracks leading off of the River Track and out of old Northeastern Yard.

CLIFTON BRANCH

Mile Post	AT OR NEAR	DESCRIPTION
1146.9	Lordsburg A&NM No. Siding	Tipple Hinged apron may not be in position to clear....Over and Side
1184.3	Duncan	Lumber Sheds and Trees, Lumber Spur....Side
		Water Crane, Main and Siding....Side
		Trees Through Station Grounds, All Tracks....Over and Side
1205.01	Guthrie	Gila River Bridge....Over and Side
		Water Crane, Main....Side
1214.2	Smelter	Buildings, platforms, overhead bridges and trolley wires, Yard Tracks....Over and Side
1216.3	Clifton	San Francisco River Bridge....Over and Side
		Chase Creek Bridge....Side
		Buildings, platforms, Yard Tracks, coal chute, water crane, etc., east of first street crossing east of station....Over and Side
1189.2	to 1216.4	Rock Cuts....Side
1212.1	to 1214.5	Tunnels Nos. 1, 2, 3, 4, 5 and 6....Over and Side

VALEDON BRANCH

Mile Post	AT OR NEAR	DESCRIPTION
1150.7	Lawrence	Ore Loading Platform, Spur....Side
		Between Lawrence and Valedon, First Rock Cut....Side

LORDSBURG-EL PASO

Mile Post	AT OR NEAR	DESCRIPTION
1168.0	Separ	Water Tank Spout....Over and Side
1188.5	Gage	Water Tank Spout, Main and Siding....Over and Side
1247.7	Aden	Tipple hinge extension to loading tipple may not be in position to clear on spur track....Side
1291.9	Brickland	Rock Walls and Bridge Pier, Brickland Spur....Over and Side

EL PASO-TUCUMCARI

Mile Post	AT OR NEAR	DESCRIPTION
1316.1	Newman	Water Column, Main Track and Siding....Side
1345.0	Orogrande	West End Cinder Incline, west leg of wye....Side
1382.8	Alamogordo	Cinder Loading Platform, Track No. 60....Side
		Ice Plant Buildings, Track No. 35....Side
		Trestle for Conveyor Pipe at Mill, Track No. 101....Side
		Treating Plant, Tel. Wire, Track No. 110....Over
		Treating Plant Hoist Cable on Platform, Track No. 110....Over
		Coal Chute, Main Track....Side
		Round House, Track No. 20....Over and Side
		Thomas Store, Track No. 7....Side
		Planing Mill Platform, Track No. 101....Side
		S. W. Lumber Co. Storehouse, Track No. 101....Side
		Drying Rack at Mill Track No. 108....Side
		West End Mill, Track No. 119....Over and Side
		Treating Plant Platform and Power House, Track No. 111....Side
		Treating Plant and Platform, Track No. 110....Side
		Treating Plant Coal Bin, Track No. 111....Side
		Treating Plant Power House, Tracks Nos. 110 and 111....Side
		Breece Lumber Co., Track No. 2, Planing Mill....Side
		Breece Lumber Co., Track No. 5, Tie Loading Dock....Side
		Breece Lbr. Co., Track No. 4, Wood House....Side
		Breece Lbr. Co., Track No. 3, Log Platform....Side
		Breece Lbr. Co., Track No. 1, Power Line Pole....Side
		Breece Lbr. Co., Track No. 1, Power Line....Over
1412.9	Three Rivers	Water Column, Main Track and Siding....Side
1424.5	Oscura	Water Column, Main Track and Track No. 1....Side
		Spout on Water Tank, Track No. 2....Over
1439.9	Carrizozo	Water Column, Cinder Pit Track....Side
		Coal Chute and Sand House, Track No. 20....Over and Side
		Walls, Cinder Track No. 21....Side
		Loading Crane, Track No. 17....Side
		Machine Shop, Track No. 15....Over and Side
		Coal Chute, Hopper Track No. 37....Side
1452.2	Coyote	Pump House, Track No. 3....Side
		Water Crane, Main and Siding....Side
1463.5	Ancho	Brick Wall, Brick Plant Track....Side
		Water Column, Main Track and Siding....Side
1482.5	Gallinas	Stock Pen Platform, Siding....Side
		Water Tank Spout, Main Track....Side
1499.0	Torrance	Station Platform, House Track....Side
1510.6	Duran	Water Column, Main Track and Siding....Side
1525.4	Vaughn	Water Column, Main Track and Siding....Side
1547.2	Pastura	Water Column, Main Track and Siding....Side
		Cinder Loading Incline and Pastura Trading Co. Platform, Siding....Side
1563.7	Pintado	Coal Chute, Main Track and Coal Chute Track....Side
1568.3	Santa Rosa	Water Column, Main Track and Siding....Side
		Moise Bros. Store and Warehouse, Industry Track No. 18....Side
		Coury Garage, Industry Track No. 18....Side
1585.8	Cuervo	Bond & Weist Platform and Warehouse, Stock Yard Track....Side
		Water Crane, Main and Siding....Side
1606.7	Montoya	Water Crane, Main and Siding....Side
1627.4	Tucumcari	Sand House and Coal Chute Eng. House, Track No. 85....Side
		Coal Hoist, Tracks Nos. 85 and 20....Side
		Coal Hoist, Engine House, Track No. 21....Side
		Walls, Cinder Pit, Tracks Nos. 22 and 49....Side
		Car Repairers' Office, Track No. 86....Side
		Roundhouse and Machine Shop Doors, Track No. 45....Over and Side
		Roundhouse Doors, Track No. 31....Over and Side
		Machine Shop Coal Bin, Track No. 31....Side
		Freight House Platform, Tracks on both sides....Side
		Pump House and Cinder Loading Incline, Track No. 43....Side
		Sinclair Oil Co. Fence, Track No. 42....Side
		Tucumcari Ice Co. Buildings and Coal Bins, both sides Track No. 42....Side
		Electric Light Co. Coal Bin, Track No. 42....Side
		Goldenberg's Old Concrete Vault Track No. 47....Side

CLOUDCROFT BRANCH

Mile Post	AT OR NEAR	DESCRIPTION
1398.6	High Rolls	Freight House Platform, Siding....Side
1400.9	Wooten	Water Treater Platform, Main Track....Side
1404.3	Switchback	Cribbing....Side
1408.7	Cloudcroft	Breece Lumber Co., Motor Car House
		Breece Lumber Co., Connection....Side
		Breece Lbr. Co., Tool House, Lbr. Co. Conn....Side
		Breece Lbr. Co., Wood Shed, Lbr. Co. Conn....Side
		Breece Lbr. Co., Eng. Shed, Lbr. Co. Main Track and Siding....Side
		Breece Lbr. Co. Oil House, Lbr. Co. Conn.....Side
		Water Tank Spout, Main Track....Over
		Breece Lbr. Co., Conn., N. W. Corner P. O. Building....Side
		Breece Lbr. Co., Conn., Dwellings opposite P. O. Building....Side
		Breece Lbr. Co., Conn., Fence, near Tool House....Side

Note—Look out for narrow rock cuts between La Luz and Russia

CAPITAN BRANCH

Note—Look out for narrow rock cuts between M. P. 1450 and Indian Divide

DAWSON BRANCH

Mile Post	AT OR NEAR	DESCRIPTION
1639.0	Bridge 1638.93	Steel Bridge over Canadian River, Main Track....Over and Side
1673.0	Cabeza	Coal Chute, Main Track and Coal Chute Track....Side
1686.3	Solana	Water Tank Spout, Main Track....Side
1696.1	Roy	Floersheim Warehouse and Platform Industry Track No. 3....Side
1706.4	Mills	Wilson Co. Elevator, Spur No. 6....Side
1715.6	Abbott	Wilson Co. Elevator Spur....Side
		Water Tank Spout, Main Track....Side
1729.8	Taylor	Coal Chute, Main Track and Track No. 3....Side
1759.4	Dawson	Water Column, Tracks Nos. 16 and 17....Side
		Scale House, Tracks Nos. 7 and 9....Side
		Sand House, Tracks Nos. 16 and 17....Side
		Water Loading Crane, Track No. 15....Side
		Walls, Depressed Track No. 18....Side
		Coal Unloading Trestle, Track No. 25....Side
		Oil House, Track No. 38....Side

Note—Look out for narrow rock cuts between Tucumcari and Cabeza

Bunks on log cars, such as are used on the Cloudcroft Branch, will not clear stock pen platforms.

RATING OF LOCOMOTIVES—RIO GRANDE DIVISION

IN M's OF 1000 LBS. BACK OF TENDER

NOMINAL CLASS	OFFICIAL CLASS	ENGINE NUMBERS	Boiler Pressure	Tucson to Naco Douglas to El Paso	Naco to Bisbee Jct.	Bisbee Jct. to Douglas	El Paso to Bisbee Jct.	Bisbee Jct. to Fairbank Mescal to Tucson	Fairbank to Mescal	Lordsburg to Wilna	Wilna to El Paso	El Paso to Aden	Aden to Lordsburg	El Paso to Elda Santa Rosa to Tucumcari	Elda to Santa Rosa	Tucumcari to Gallinas	Gallinas to El Paso
T-36	T—63-20/26-118	2103	190	1500	1900	6000	1600	6000	3050	2500	3300	2500	2800	1650	2000	1650	2900
T-37	T—70-24/28-146-S	2105 to 2106	175	2000	2550	6000	2150	6000	4050	3350	4400	3350	3750	2250	2700	2250	3950
C-9, 10	C—57-22/30-194-S	2513 to 2599, 2698 to 2860	210	2500	3200	8000	2700	8000	5100	4150	5500	4150	4650	2700	3250	2700	4750
C-9, 10	C—57-22/30-200-SF																
C-8	C—57-22/30-192-S																
C-5	C—57-22/30-187-S	2624 to 2679															
C-5	C—57-22/30-185-S	2680 to 2693															
TW-3	TW—50-20/26-120	2932 to 2945	170	1600	2050	6000	1750	6000	3250	2650	3500	2650	2950	1650	2000	1650	2900
P-12	P—73-27/28-189-SF	3120 to 3129	190 205	2600	3350	8000	2800	8000	5300	4350	5750	4350	4900	2850	3450	2850	5100
P-12	P—73-26/28-189-SF	3120 to 3129															
MK-5, 6	MK—63-26/28-210-S	3241 to 3277	210	3150	4050	8000	3400	8000	6400	5250	6900	5250	5850	3450	4150	3450	6050
MK-7, 8, 9	MK—63-29/30-247-S	3300 to 3324	176	3500	4450	8000	3800	8000	7050	5800	7650	5800	6500	3850	4550	3850	6650
	MK—63-29/30-257-SF																
C-18	C—57-22/28-169-S	3400 to 3409	200	2350	3000	8000	2500	8000	4700	3850	5050	3850	4300	2550	3000	2550	4400
C-19	C—57-22½/28-178-S	3410 to 3426	200	2400	3100	8000	2600	8000	4850	4000	5250	4000	4450	2650	3150	2650	4550
F-1	F—63-27½/32-273-S	3611 to 3652	200	3700	4750	10000	4000	10000	7450	6100	8050	6100	6850	4000	4750	4000	6950
F-3	F—63-29½/32-307-S	3653 to 3667	200	4200	5400	10000	4550	10000	8500	7000	9200	7000	7800	4550	5450	4550	7900
F-4, 5	F—63-29½/32-306/B-61-SF	3668 to 3768	200	4750	6100	10000	5150	10000	9550	7850	10000	7850	8800	4550	5450	4550	7900
	F—63-29½/32-319/B-62-SF																
MT-1,3,4,5	MT—73-28/30-246/B-60-SF	4300 to 4376	210	3800	4850	10000	4100	10000	7700	6300	8300	6300	7050	3650	4400	3650	6450
MT-2	MT—73-29/30-262-SF	4385 to 4390	210	3550	4600	10000	3850	10000	7300	5950	7900	5950	6700	4000	4750	4000	7000
SP-1	SP—63-25/28-32-316/B-60-SF	5000 to 5015	225	5350	6850	10000	5800	10000	10000	8850	10000	8850	10000	5400	6400	5400	9350
SP-2, 3	SP—63-25/28-32-317/B-61-SF	5016 to 5048															
ALLOWANCE FOR EMPTY AND UNDERLOADED CARS		LESS THAN 40 Ms. 40 Ms. TO 50 Ms.		6 3	6 3	6 3	6 3	6 3	6 3	6 3	6 3	6 3	6 3	6 3	6 3	6 3	6 3

NOMINAL CLASS	OFFICIAL CLASS	ENGINE NUMBERS	Boiler Pressure	Bisbee Jct. to Bisbee Lewis Springs to Ft. Huachuca Fairbank to Tombstone	Bisbee to Bisbee Jct. Ft. Huachuca to Lewis Springs Tombstone to Fairbank Elgin to Fairbank Sonoita to Flux	Fairbank to Sonoita Flux to Elgin Benson to Benson Jct. Benson Jct. to Benson	Lordsburg to Guthrie So. Siding to Lordsburg	Guthrie to So. Siding Clifton to So. Siding	So. Siding to Clifton	Tucumcari to Campana Cabeza to Dawson	Campana to Cabeza	Dawson to Taylor Mills to Canadian	Taylor to Mills	Canadian to Tucumcari	Alamogordo to Russia	Russia to Alamogordo	Carrizozo to Capitan	Capitan to Carrizozo
M-4	M—63-20/28-126	1617 to 1713	190	920	6000	1100	1650	840	6000	1300	640	3650	1800	1800	210	6000	340	900
M-4	M—63-20/28-135-S	1617 to 1713	190	960	6000	1150	1750	880	6000	1400	680	3850	1900	1900	220	6000	360	950
M-6	M—63-21/28-159-SF	1747	200				1920	980	7000									
M-11	M—63-22/28-162-S	1832 to 1835	200	1250	6000	1500	2250	1150	6000	1800	910	4950	2450	2450	330	6000	510	1250
T-1	T—63-20/26-112	2242 to 2271	180	870	6000	1050	1570	800	6000									
T-36	T—63-20/26-118	2103	190	870	6000	1050	1570	800	6000	1350	450	3000	1500	1500				
T-37	T—70-24/28-146-S	2105 and 2106	175	1150	6000	1450	2100	1050	6000									
TW-3	TW—50-20/26-120	2932 to 2945	170	940	6000	1150	1700	860	7000									
C-15	C—50-21/26-126	2505 to 2508	160												230	8000	325	930
C-17	C—51-21½/28-160	2510, 2511	180												320	8000	435	1160
C-8, 9, 10	C—57-22/30- 192-S 194-S 200-SF	2513 to 2599 2698 to 2860	210	1470	8000	1770	2640	1350	8000									
C-18	C—57-22/28-169-S	3400 to 3409	200							1950	975	5250	2625	2850				
C-19	C—57-22½/28-178-S	3410 to 3426	200	1430	8000	1700	2530	1310	8000	2050	1025	5500	2750	2900				
P-12	P—73-27/28-189-SF	3120 to 3129	190	1490	8000	1790	2720	1340	8000									
P-12	P—73-26/28-189-SF	3120 to 3129	205				2950	1530	9000									
MK-4	MK—57-23½/30-206-S	3224	210															
MK-5, 6	MK—63-26/28- 210-S 231-SF	3241 to 3277	210	1850	10000		3100			2650	1325	7250	3625	3625				
MK-7, 8, 9	MK—63-29/30- 247-S 257-SF	3300 to 3324	176	2070	10000		3450			2900	1450	8000	3800	3800				
F-1	F—63-27½/32-273-S	3611 to 3652	200	2190	10000													
F-3	F—63-29½/32-307-S	3653 to 3667	200	2490	10000													
F-4, 5	F—63-29½/32 306/B-61-SF 319/B-62-SF	3668 to 3769	200	2770	10000													
ALLOWANCE FOR EMPTY AND UNDERLOADED CARS		LESS THAN 40 Ms. 40 Ms. TO 50 Ms.		3 0	6 3	3 0	6 3	3 0	6 3	6 3	6 3	6 3	6 3	6 3	3 0	3 0	3 0	3 0

Example. — Consolidation engine having 57-inch drivers, Cylinders 22-inch diameter and 30-inch stroke, and weighing 187,000 pounds on Drivers: C-57—22/30—187

CLASS "C"—Consolidation engine
"T"—Ten-wheelers
"M"—Moguls
"Mk"—Mikado
"TW"—Twelve-wheelers
"E"—Eight-wheelers
"P"—Pacific Type
"F"—2-10-2
"Mt."—Mountain
"SP"—4-10-2

SPECIAL INSTRUCTIONS

AVERAGE TARE WEIGHTS OF PASSENGER TRAIN CARS

CLASS	NOT AIR-CONDITIONED All-Steel	NOT AIR-CONDITIONED Steel Underframe	AIR-CONDITIONED All-Steel Cooling Season	AIR-CONDITIONED All-Steel Heating Season
Baggage—60 ft.	93,070			
“ —66 ft.	127,610			
“ —70 ft.	122,620			
“ —70 ft. (with Auto. End Door)	125,800			
“ —(Dynamo)	98,730			
“		87,120		
Baggage & Mail —60 ft.	103,620			
“ “ “ —69 ft.	124,760			
“ “ “ —70 ft.	129,140			
“ “ “		103,590		
“ “ Passenger	108,675	112,640		
Express Refr.—N. P. Ry.		74,000		
“ “ —A. R. E. No. 40-154		78,000		
“ “ — “ “ 155-224		89,000		
“ “ — “ “ 500-506		110,000		
“ “ — “ “ 1101-1175		85,000		
“ “ —P. F. E. “ 500-799		83,000		
Express, Horse	133,050			
Postal	112,120			
Postal Storage—40 ft.	74,530			
“ “ —60 ft.	105,120			
Assembly (ACW)			168,950	168,950
Club (A C I)	146,210	122,300	172,200	164,700
Official (N A C)	170,700	155,370		
“ ..(ACW)..Cars 107-128			182,800	182,800
“ ..(ACW).. “ 140-141			195,040	195,040
Chair—60 ft. (A C I)	100,620		138,000	132,000
“ —72 ft. (A C I)			165,000	157,800
“ —72 ft. (ACW)			158,700	158,700
“ —Streamline—Single (A C S)			120,900	104,500
“ — “ —Art. (A C S)			205,400	172,600
“ —74 ft. (A C I)			180,915	173,125
“ —74 ft. (A C S)			197,944	181,600
Coaches—60 ft. (A C I)	98,130		136,100	130,100
“ —70 ft. (A C I)	137,640		157,800	151,000
“ —70 ft. (ACW)	137,640		151,000	151,000
“ —72 ft. (A C I)			164,500	157,400
“ —72 ft. (ACW)			153,500	153,500
“ —73′6″ (ACW)			163,000	163,000
“ —73′6″ (A C I)			168,500	161,200
“ —72 ft. (Interurban)	120,000			
All-Day Lunch—Chair	105,970			
“ “ —Coach	103,875			
Cafe-Coach (A C I)		138,600	155,700	149,000*
Cafe-Lounge (A C I)	148,950	161,200	173,500	166,000
“ (ACW)			156,000	156,000
Stream Line Chair Cars, Single			120,900	104,500
Stream Line Chair Cars, Articulated Unit			205,400	172,600
Diner—70 ft.		135,930		
“ —72 ft.	155,330	146,930		
“ —77 ft. .(Arch Roof) (A C I)	156,000		170,100	162,700
“ —77 ft. .(“ “) (ACW)			162,950	162,950
“ —77 ft. .(Clere Story Roof) (ACW)		165,530	169,450	169,450
“ —77 ft. .(“ “ “) (ACM)			189,581	173,836
“ —79 ft. (N A C)	169,100			
“ —80 ft. .(Clere Story Roof) (ACM)			201,323	184,700
Lounge (“ “ “) (A C I)			189,800	181,630
“ (Arch Roof) (A C I)			167,500	160,300
“ (“ “) (ACW)			164,980	157,780
Observation—75 ft. (A C I)	154,400		169,185	161,900
“ —77 ft. (A C I)			194,543	186,166
“		141,870		
Pullman-Obs (A C I)	160,800	153,000	177,314	169,200
Pullman-Obs. (ACM)	160,800	153,000	192,300	176,300
“ “ Lounge (ACM)	171,200		194,900	178,900
“ “ “ (A C I)	171,200		187,682	179,600
“ -Bedroom (A C I)	167,600		183,920	176,000
“ - “ (ACM)	167,600		195,800	179,800
“ -Sleeper (ACM)	163,100		191,100	175,100
“ - “ (A C I)	163,100		180,075	171,500
“ -Tourist (ACM)	153,000		185,200	169,200
“ - “ (A C I)	153,000		168,663	161,400
Rail, Gas-Electric, ...400 H. P.	158,400			
“ “ ....600 H. P.	167,200			

*Steel underframe.

CODE:—
N A C—Non-Air Conditioned.
A C I—Air-Conditioned—Ice System.
ACM—Air-Conditioned—Mechanical System.
ACW—Air Conditioned—Waukasha System
A C S—Air-Conditioned—Steam Ejector System.

LOCATION HOSPITAL STRETCHERS

EL PASO UNION DEPOT
EL PASO YARD OFFICE
DOUGLAS PASSENGER STATION
DOUGLAS YARD OFFICE
TUCSON
LORDSBURG
FAIRBANK
DEMING
BISBEE JCT.
BISBEE
HACHITA
ALAMOGORDO
CARRIZOZO
VAUGHN
DAWSON
TUCUMCARI

HOSPITALS

GENERAL HOSPITAL, S. P. HOSPITAL — San Francisco, Cal.
DIVISION HOSPITALS { Hotel Dieu — El Paso, Texas
DIVISION HOSPITALS { St. Mary's — Tucson, Ariz.

Location	Physicians and Surgeons' Names	Title
San Francisco	Dr. W. B. Coffey	Chief Surgeon and Manager
Tucson	Dr. C. A. Thomas	Assistant to Chief Surgeon
Tucson	Dr. S. C. Davis	Division Surgeon
Tucson	Dr. V. G. Presson	Assistant Surgeon
Tucson	Dr. R. A. Wilson	Assistant Surgeon
Tucson	Dr. R. E. Hastings	Assistant Surgeon
Tucson	Dr. Earl H. Brown	Oculist and Aurist
Tucson	Dr. Thos. H. Cates	Assistant Oculist and Aurist
Benson	Dr. J. N. Morrison	District Surgeon
Benson	Dr. L. W. Moffitt	District Surgeon
Lordsburg	Dr. C. B. Austin	District Surgeon
Lordsburg	Dr. E. M. Parham	Assistant District Surgeon
Clifton	Dr. C. H. Laugharn	District Surgeon
Deming	Dr. F. D. Vickers	District Surgeon
Deming	Dr. J. G. Moir	District Surgeon
Tyrone	Dr. N. D. Frazin (Silver City)	Emergency Surgeon
El Paso	Dr. H. H. Varner	Division Surgeon
El Paso	Dr. E. W. Rheinheimer	District Surgeon
El Paso	Dr. S. F. King	District Surgeon
El Paso	Dr. J. J. Gorman	District Surgeon
El Paso	Dr. J. L. Green	Assistant Surgeon
El Paso	Dr. Russell Holt	Assistant District Surgeon
El Paso	Dr. J. M. Britton	Oculist and Aurist
El Paso	Dr. B. H. Britton	Associate Oculist and Aurist
El Paso	Dr. F. S. Schuster	Oculist and Aurist
El Paso	Dr. S. A. Schuster	Associate Oculist and Aurist
El Paso	Dr. W. L. Brown	Consulting Surgeon (Service limited to consultation with Division Surgeon)
Columbus	Dr. Albert L. Oxford	District Surgeon
Douglas	Dr. N. V. Alessi	District Surgeon
Douglas	Dr. C. P. Austin	District Surgeon
Douglas	Dr. A. K. Duncan	District Surgeon
Douglas	Dr. J. S. Walsh	Oculist and Aurist
Bisbee	Dr. H. W. Rice	District Surgeon
Bisbee	Dr. C. H. Hunt	Assistant District Surgeon
Bisbee	Dr. C. C. Pipergerdes	Oculist and Aurist
Naco	Dr. B. C. Tarbell	District Surgeon
Tombstone	Dr. C. M. Brizzolara	District Surgeon
Alamogordo	Dr. F. B. Evans	District Surgeon
Alamogordo	Dr. E. P. Simms	District Surgeon
Tularosa	Dr. J. D. Robinson	District Surgeon
Carrizozo	Dr. W. G. Rathmann	District Surgeon
Carrizozo	Dr. M. G. Paden	Consulting Surgeon (Service limited to consultation with District Surgeons or when they are not available)
Carrizozo	Dr. P. M. Shaver	District Surgeon
Corona	Dr. L. H. Barry	District Surgeon
Vaughn	Dr. G. A. Miller	District Surgeon
Santa Rosa	Dr. Z. E. Funk	District Surgeon
Tucumcari	Dr. O. E. Brown	District Surgeon
Tucumcari	Dr. C. H. Ferguson	District Surgeon
Roy	Dr. M. D. Gibbs	District Surgeon
Dawson	Dr. C. S. Hart	District Surgeon
Dawson	Dr. I. B. Hards	Assistant District Surgeon

Note.—Emergency surgeons should only be summoned for temporary treatment when prompt attention is required and when patients cannot be sent to or await arrival of Division or District Surgeon.

DIVISION MILEAGE

Main Lines

Lordsburg to El Paso	S. P. R. R. (Includes 1st Track)	148.00	
	T. & N. O. R. R.	3.59	
End Tucson Division to Tucumcari	E. P. & S. W. R. R. (Includes 2nd Trk.)	322.38	
	E. P. & S. W. R. R. of Texas	2.63	
	E. P. & N. E. R. R.	18.22	
	E. P. & N. E. Ry.	124.26	
	E. P. R. I. Ry.	127.51	
	C. R. I. & P. Ry.	60.41	
Total Main Line			807.00

Branches

Benson-Fairbank	S. P. R. R.	At Benson, Initial Point E. P. & S. W. R. R.	.01		
	EP&SWRR	Benson, Initial Point E. P. & S. W. R. R. to Benson Jct.	17.57	17.58	
Bisbee	EP&SWRR	Bisbee Jct. to Bisbee		8.03	
Bisbee-Lowell Cutoff	EP&SWRR	Corta to Lowell via Warren		2.84	
Capitan	EP&NERy	Carrizozo Jct. to Capitan		21.29	
Clifton	S. P. R. R.	Lordsburg to Initial Point E. P. & S. W. R. R.	.03		
	EP&SWRR	Initial Point E. P. & S. W. R. R. to Clifton	70.77	70.80	
Cloudcroft	A.&.S.M.Ry.	Alamogordo Jct. to Russia		31.56	
Dawson	Dawson Ry.	Tucumcari to Dawson		131.97	
Fort Huachuca	EP&SWRR	Lewis Springs to Fort Huachuca		14.30	
Lordsburg-Oil Siding	S. P. R. R.	Lordsburg to Initial Point E. P. & S. W. R. R.	.10		
	EP&SWRR	Lordsburg to Oil Siding	.88	.98	
Patagonia	EP&SWRR	Fairbank to Initial Point S. P. R. R.	.04		
	S. P. R. R.	Fairbank to Flux	46.70	46.74	
Tombstone	EP&SWRR	Fairbank to Tombstone		9.94	
Valedon	EP&SWRR	M. P. 1147.75 to Valedon		3.80	
Total Branches					359.83
Total Rio Grande Division					1166.83

SPEED TABLE

Speed per Hour	1 Mile in Min. Sec.	Speed per Hour	1 Mile in Min. Sec.	Speed per Hour	1 Mile in Min. Sec.	Speed per Hour	1 Mile in Min. Sec.
6	10.00	25	2.24	39	1.33	53	1.08
8	7.30	26	2.18	40	1.30	54	1.06
10	6.00	27	2.13	41	1.27	55	1.05
12	5.00	28	2.08	42	1.25	56	1.04
15	4.00	29	2.04	43	1.23	57	1.03
16	3.45	30	2.00	44	1.21	58	1.02
17	3.31	31	1.56	45	1.20	59	1.01
18	3.20	32	1.52	46	1.18	60	1.00
19	3.09	33	1.49	47	1.16	61	.59
20	3.00	34	1.45	48	1.15	62	.58
21	2.51	35	1.42	49	1.13	63	.57
22	2.43	36	1.40	50	1.12	64	.56
23	2.36	37	1.37	51	1.10	65	.55
24	2.30	38	1.34	52	1.09		

Trainmasters

W. S. FORD — Douglas, Ariz.
H. G. McCARTHY — El Paso, Texas
W. B. SHARP, JR. — Tucumcari, N. M.

Road Foremen of Engines

A. G. NEWELL — El Paso, Texas
R. N. BOOKER — El Paso, Texas

TERMINAL TRAINMASTERS

W. C. Downey — Lordsburg, N. M.
I. C. Conner — Lordsburg, N. M.
J. Snyder — Carrizozo, N. M.
G. H. Koyiol — Carrizozo, N. M.

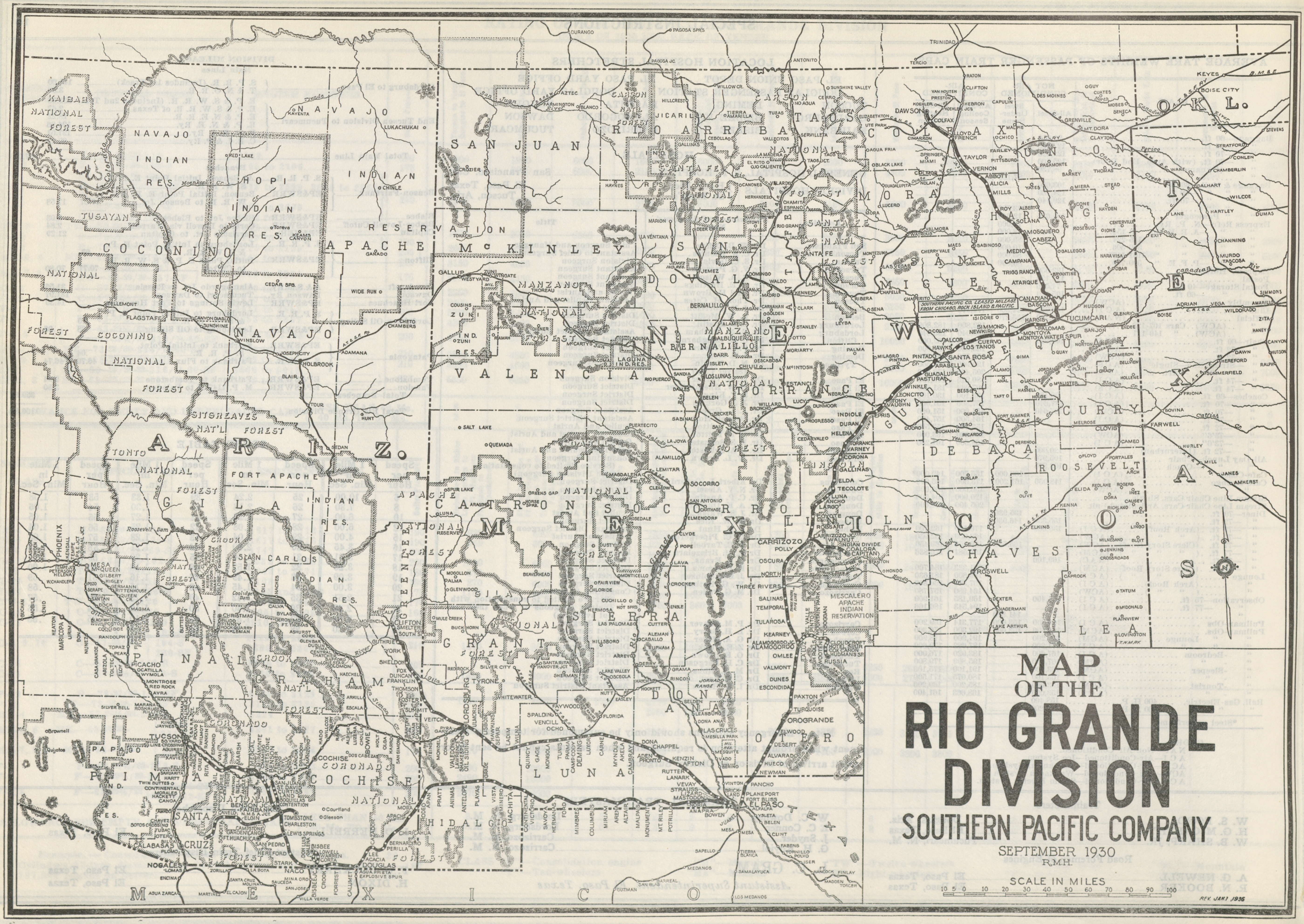
L. C. GRAM,
Assistant Superintendent, El Paso, Texas

Chief Train Dispatcher

L. D. HERRELL — El Paso, Texas

Assistant Chief Train Dispatchers

F. O. LOCKHART — El Paso, Texas
H. DIXON — El Paso, Texas


ARIZ.
N. MEX.
TEXAS
OKL.
MEXICO
COCONINO
NAVAJO
APACHE
GILA
PINAL
PIMA
SANTA CRUZ
COCHISE
GRAHAM
GREENLEE
MARICOPA
SAN JUAN
RIO ARRIBA
TAOS
COLFAX
UNION
MORA
HARDING
SAN MIGUEL
SANTA FE
SANDOVAL
McKINLEY
VALENCIA
BERNALILLO
TORRANCE
GUADALUPE
QUAY
CURRY
DE BACA
ROOSEVELT
LINCOLN
CHAVES
LEA
SOCORRO
CATRON
SIERRA
GRANT
LUNA
HIDALGO
DONA ANA
OTERO
EDDY
KAIBAB NATIONAL FOREST
TUSAYAN
COCONINO NATIONAL FOREST
NAVAJO INDIAN RES.
HOPI INDIAN RES.
NAVAJO INDIAN RESERVATION
SITGREAVES NAT'L FOREST
TONTO NATIONAL FOREST
FORT APACHE INDIAN RES.
APACHE NATIONAL FOREST
CROOK NAT'L FOREST
SAN CARLOS INDIAN RES.
CORONADO NATIONAL FOREST
ZUNI IND. RES.
LAGUNA IND. RES.
MESCALERO APACHE INDIAN RESERVATION
CARSON NAT'L FOREST
SANTA FE NATIONAL FOREST
MANZANO NATIONAL FOREST
GILA NATIONAL FOREST
LINCOLN NATIONAL FOREST
SOUTHERN PACIFIC CO. LEASED MILEAGE FROM CHICAGO, ROCK ISLAND & PACIFIC
Colorado River
Little Colorado River
Gila River
Rio Grande
Pecos River
Canadian River
Roosevelt Dam
Coolidge Dam
EL PASO
TUCSON
PHOENIX
NOGALES
DOUGLAS
BISBEE
BENSON
LORDSBURG
DEMING
LAS CRUCES
ALAMOGORDO
CARRIZOZO
SANTA ROSA
TUCUMCARI
DAWSON
RATON
TRINIDAD
SANTA FE
ALBUQUERQUE
GALLUP
FLAGSTAFF
WINSLOW
HOLBROOK
ROSWELL
CLOVIS
AMARILLO
DALHART
CLIFTON
SILVER CITY
SOCORRO
TYRONE
DURANGO
FARMINGTON
N

MAP OF THE RIO GRANDE DIVISION

SOUTHERN PACIFIC COMPANY

SEPTEMBER 1930
R.M.H.

SCALE IN MILES
10 5 0 10 20 30 40 50 60 70 80 90 100

REV. JAN 1 1936